



National Marine Fisheries Service, Northwest Region
7600 Sand Point Way NE, Seattle, WA 98115



PUBLIC NOTICE

For Information Contact:
Bill Robinson (206) 526-6140
Svein Fougnier (562) 980-4000

NMFS-SEA-03-05
FOR IMMEDIATE RELEASE
February 28, 2003

PACIFIC COAST GROUNDFISH FISHERY COMMERCIAL MANAGEMENT MEASURES FOR MARCH THROUGH DECEMBER 2003

The National Marine Fisheries Service (NMFS) announces commercial management measures for March through December 2003 in the Pacific Coast groundfish fishery off Washington, Oregon, and California, **effective at 0001 hours (local time) March 1, 2003, until the 2004 annual specifications and management measures are effective.** These management measures were recommended by the Pacific Fishery Management Council (Council). The states of Washington, Oregon, and California will implement similar restrictions. Federal recreational regulations will be announced in a separate NMFS public notice (NMFS-SEA-03-06, February 28, 2003) available on the NMFS Northwest Region website at <http://www.nwr.noaa.gov/1press/sfdpress.htm> or by calling the contact names above. The commercial and recreational management measures may be changed throughout the year. Inseason changes will be announced in the *Federal Register*.

Changes from the corrected regulations for January–February 2003

- More than one type of trawl gear allowed on board for vessels that are *not* fishing within a conservation area
- Boundary coordinates for several of the Rockfish Conservation Areas (RCAs)
- Limited Entry Fixed Gear tables (Table 4 (North) & (South)) added “other fish” category
- Limited Entry Fixed Gear table (Table 4 (North)) incorporated splitnose into the minor slope rockfish limits

Overview

New in January 2003, the commercial and recreational groundfish fisheries are now managed using depth-based management measures, with large closed areas intended to prevent vessels from operating in waters where overfished species are commonly found (see “Commercial Fishery: Time and Area Closures” section below). Similar to 2002, the commercial groundfish fishery will be managed with separate landing limits for limited entry trawl vessels, limited entry fixed gear (longline and pot) vessels, and open access vessels. Also similar to 2002, limited entry trawl vessels authorized to operate in the “B” platoon are subject to cumulative limits that lag two weeks behind the “A” platoon limits (16th of the month to

Visit the NMFS Northwest Region website for current groundfish management regulations and information.

<http://www.nwr.noaa.gov/1sustfsh/gdfsh01.htm>

15th of the month). Similarly, scheduled seasonal and inseason changes to the depth-based management lines will apply to the “B” platoon two weeks after they apply to the “A” platoon. The open access fishery includes all groundfish gear except for pot or longline gear fished by a vessel that has a limited entry permit endorsed for that gear, or groundfish trawl. Although groundfish trawl is not legal gear in the open access fishery, groundfish may be taken by shrimp, prawn, California halibut, or sea cucumber trawl gear under certain conditions. These non-groundfish trawl gear are considered exempted trawl gear, and have separate landing limits for some groundfish species from the rest of the open access fishery (see “Commercial Fishery: Non-groundfish Exempted Trawl Gear” below).

Commercial Fishery

Trip Limit Tables

The trip limit tables for 2003 are structured differently than in previous years. Each trip limit table (Limited Entry Trawl, Limited Entry Fixed Gear and Open Access) is separated into a North and South table. For instance, there is Table 3 (North) for limited entry trawl trip limits north of 40°10' N. lat. to the US/Canada border and Table 3 (South) for limited entry trawl trip limits south of 40°10' N. lat. to the US/Mexico border. At the top of each table, the depth-based management restrictions for the appropriate gear type and area are included. Another change to the 2003 open access trip limit tables (Table 5 (North) and Table 5 (South)) is the inclusion of non-groundfish exempted trawl trip limits in the tables.

Time and Area Closures, including depth-based management

There are several closed times and areas described in the trip limit tables below. “Closure” when referring to closure of a fishery, means that taking and retaining, possessing, or landing that particular species or species group is prohibited. (See also 50 CFR 660.302) Offloading must begin before the time the fishery closes. For 2003, depth-based management measures have been expanded to all gears and sectors of the groundfish fishery, including the recreational sector. Many of the 2003 closed areas and boundary lines are generally described using a fathom contour line approximated by connecting straight lines between a series of coordinates. A revised set of coordinates are included at the end of this public notice and are available on the NMFS Northwest Region website:

(<http://www.nwr.noaa.gov/1press/sfdpress.htm>) in a Microsoft Excel spreadsheet form.

All of these lines, except the 20 fm (37 m) contour off California south of 40°10' N. lat. and the three-nautical mile State management line off California, are specifically defined in final regulations, published in the *Federal Register*, at IV.A.(19), using latitude/longitude coordinates. These coordinates provide straight-line boundaries that approximate certain depth-contours. Straight-line boundaries are intended to provide clarity to the closed area boundaries for enforcement purposes. To ensure that consistent nomenclature is used coastwide, an area closed to fishing for groundfish will be referred to as a “Groundfish Conservation Area” (GCA) in general, regardless of whether the boundaries of that area change during the year. The Cowcod Conservation Areas (CCA) are defined by coordinates that are fixed throughout the year (coordinates provided below in this section). Coordinates defining the CCAs have changed modestly in 2003 to ensure that the CCAs comply with depth-based closures for waters off southern California. The larger, gear or sector-specific closed areas described by depth contour boundaries for the 2003 fishing year will be referred to as “Rockfish Conservation Areas,” or RCAs. For example, there is both a trawl RCA and a non-trawl RCA north of 40°10' N. lat. Boundaries for the

RCAs will be referred to as either the “inshore boundary,” meaning the RCA boundary or borderline that is closest to shore, or the “offshore boundary,” meaning the RCA boundary or borderline that is farthest offshore. Several of the restrictions within the RCA affect only State-managed species and will be implemented through State regulations.

Cowcod Conservation Area (CCA) Coordinates -

- (1) The Western CCA is an area south of Point Conception that is bound by straight lines connecting all of the following points in the order listed:

33°50' N. lat., 119°30' W. long.;
33°50' N. lat., 118°50' W. long.;
32°20' N. lat., 118°50' W. long.;
32°20' N. lat., 119°37' W. long.;
33°00' N. lat., 119°37' W. long.;
33°00' N. lat., 119°53' W. long.;
33°33' N. lat., 119°53' W. long.;
33°33' N. lat., 119°30' W. long;

and connecting back to 33°50' N. lat., 119°30' W. long.

- (2) The Eastern CCA is a smaller area west of San Diego that is bound by straight lines connecting all of the following points in the order listed:

32°42' N. lat., 118°02' W. long.;
32°42' N. lat., 117°50' W. long.;
32°36'42" N. lat., 117°50' W. long.;
32°30' N. lat., 117°53'30" W. long.;
32°30' N. lat., 118°02' W. long.;

and connecting back to 32°42' N. lat., 118°02' W. long.

Minor Rockfish

Minor rockfish are those species without species-specific limits. Minor rockfish species are divided into three separate landing limit groups: nearshore, shelf, and slope. The rockfish species in each species group are listed in the table titled “Minor Rockfish Species” below. Although darkblotched rockfish landings are included in minor slope rockfish limits and yelloweye rockfish landings are included in minor shelf rockfish limits, darkblotched and yelloweye rockfish must be sorted separately from other rockfish (minor slope or shelf) species.

Fishing in areas with Different Landing Limits for the Same Species

Landings limits for a species or species complex may differ with geographic areas along the coast. The following “crossover” provisions apply to all vessels (limited entry and open access) operating in different geographic areas that have different cumulative or “per trip” limits for the same species, except for species subject only to daily trip limits coastwide and trip limits for black rockfish off Washington State.

If a vessel takes and retains any groundfish species or species group of groundfish in an area where a more restrictive trip limit applies, before fishing in an area where a more liberal trip limit (or no trip limit) applies, then that vessel is subject to the more restrictive trip limit for the entire period to which that trip limit applies, no matter where the fish are taken and retained, possessed, or landed. If a vessel takes and retains a groundfish species or species group in an area where a higher trip limit (or no trip limit applies) and takes and retains, possess or lands the same species or species group in an area where

a more restrictive trip limit applies, then that vessel is subject to the more restrictive trip limit for the entire period to which that trip limit applies, no matter where the fish are taken and retained, possessed, or landed. Vessels operating in the limited entry trawl fishery are subject to these crossover provisions when making landings that include any one of the four species in the “DTS complex.” (See limited entry trawl trip limit tables below.) There are several rockfish species (splitnose, chilipepper, bocaccio, yellowtail, POP, yelloweye) that are part of a minor rockfish group in one management area, but which have species-specific limits in another management area. Landings of those species are included in the minor rockfish species group when those landings are made in the area where the species is considered a minor rockfish.

Types of Limited Entry Trawl Gear

The limited entry trawl trip limit tables below, Table 3 (North) and Table 3 (South), describe limits for three different types of limited entry trawl gear (large footrope gear, small footrope gear, and midwater gear). Large footrope trawl gear is bottom trawl gear with a footrope diameter larger than eight inches (including rollers, bobbins or other material encircling or tied along the length of the footrope). Small footrope trawl gear is bottom trawl gear with a footrope diameter eight inches or smaller (including rollers, bobbins or other material encircling or tied along the length of the footrope). Chafing gear may be used only on the last 50 meshes of a small footrope trawl, measured from the terminal (closed) end of the codend. Other lines or ropes that run parallel to the footrope may not be augmented or modified to violate footrope size restrictions. The presence of rollers or bobbins larger than eight inches in diameter on board the vessel, even if not attached to a trawl, will be considered to mean a large footrope is on board. Midwater trawl gear is pelagic trawl gear. The footrope of midwater trawl gear may not be enlarged or weighted by encircling it with chains or by any other means. Ropes or lines running parallel to the footrope of midwater trawl gear must be bare and may not be suspended with chains or other materials.

A vessel may have more than one type of limited entry bottom trawl gear on board, but the most restrictive trip limit associated with the gear on board applies for that trip and will count toward the cumulative trip limit for that gear. For example, if a vessel has large footrope gear on board, it cannot land yellowtail rockfish, even if the yellowtail rockfish is caught with a small footrope trawl. **A vessel that is trawling within a GCA with trawl gear authorized for use within a GCA may not have any other type of trawl gear on board.**

Trawl vessels may transit through the trawl RCA, with or without groundfish on board, provided all groundfish trawl gear is stowed either: (1) below deck; or (2) if the gear cannot readily be moved, in a secured and covered manner, detached from all towing lines, so that it is rendered unusable for fishing; or (3) remaining on deck uncovered if the trawl doors are hung from their stanchions and the net is disconnected from the doors.

If a vessel fishes in an RCA, it may not participate in any fishing on that trip that is inconsistent with the restrictions that apply within the RCA. For example, if a vessel participates in the pink shrimp fishery within the RCA, the vessel cannot on the same trip participate in the DTS fishery outside of the RCA. Federal regulations do not supercede any State regulations that may prohibit trawling shoreward of the three nm boundary line for State waters.

Non-groundfish Exempted Trawl Gear (open access)

For 2003, the trip limits for groundfish taken with exempted trawl gear by vessels engaged in fishing for pink shrimp, spot and ridgeback prawns, California halibut, or sea cucumbers are included at the bottom of the open access trip limit tables, Table 5 (North) and Table 5 (South) (see below). In addition to the groundfish trip limits for exempted trawl fisheries at the bottom of the open access tables, the other trip limits in the open access tables also apply. A vessel that takes and retains pink shrimp and also takes and retains groundfish in either the limited entry or open access fishery during the same applicable cumulative limit period that it takes and retains pink shrimp (which may be one month or two months, depending on the fishery and the time of year), may retain the larger of the two limits, but only if the limit(s) for each gear or fishery are not exceeded when operating in that fishery or with that gear. The limits are not additive; the vessel may not retain a separate trip limit for each fishery.

Additional General Information

Trip limits are used in the commercial fishery to specify the amount of fish that may legally be taken and retained, possessed, or landed, per vessel, per fishing trip, or cumulatively per unit of time, or the number of landings that may be made from a vessel in a given period of time. A per trip limit is the total allowable amount of a groundfish species or species group, by weight, or by percentage of weight of legal fish on board, that may be taken and retained, possessed, or landed per vessel from a single fishing trip. A daily trip limit is the maximum amount that may be taken and retained, possessed, or landed per vessel in 24 consecutive hours, starting at 0001 hours local time. Only one landing of groundfish may be made in that 24-hour period. Daily trip limits may not be accumulated during multiple day trips. A weekly trip limit is the maximum amount that may be taken and retained, possessed, or landed per vessel in seven consecutive days, starting at 0001 hours local time on Sunday and ending at 2400 hours local time on Saturday. Weekly trip limits may not be accumulated during multiple week trips. If a calendar week includes days within two different months, a vessel is not entitled to two separate weekly limits during that week.. A cumulative trip limit is the maximum amount that may be taken and retained, possessed, or landed per vessel in a specified period of time without a limit on the number of landings or trips, unless otherwise specified. All limits are coastwide unless otherwise specified and in round weight or round weight equivalents. Percentages apply only to the round weight of legal fish on board unless otherwise specified. One metric ton is 2,204.6 lbs. For the purposes of the above limits, the following conversions apply. Sablefish: 20 inches total length is equivalent to 14 inches headed, processed weight will be converted to round weight using the States' conversion factor of 1.6. Lingcod: 24 inches total length is equivalent to 19.5 inches headed, processed weight will be converted to round weight using 1.5 for headed-and-gutted lingcod, and 1.1 for gutted lingcod with the head on. All fishery participants are required by State and Federal law to fill out their landings receipts and/or fish tickets completely and accurately.

Minor Rockfish Species (excludes thornyheads)

<u>North of 40°10' N. lat.</u>	<u>South of 40°10' N. lat.</u>
<u>NEARSHORE</u>	
black, <i>Sebastes melanops</i>	black, <i>Sebastes melanops</i>
black and yellow, <i>S. chrysomelas</i>	black and yellow, <i>S. chrysomelas</i>
blue, <i>S. mystinus</i>	blue, <i>S. mystinus</i>
brown, <i>S. auriculatus</i>	brown, <i>S. auriculatus</i>
calico, <i>S. dalli</i>	calico, <i>S. dalli</i>
China, <i>S. nebulosus</i>	California scorpionfish, <i>Scorpaena guttata</i>
copper, <i>S. caurinus</i>	China, <i>Sebastes nebulosus</i>
gopher, <i>S. carnatus</i>	copper, <i>S. caurinus</i>
grass, <i>S. rastrelliger</i>	gopher, <i>S. carnatus</i>
kelp, <i>S. atrovirens</i>	grass, <i>S. rastrelliger</i>
olive, <i>S. serranoides</i>	kelp, <i>S. atrovirens</i>
quillback, <i>S. maliger</i>	olive, <i>S. serranoides</i>
treefish, <i>S. serriceps</i>	quillback, <i>S. maliger</i>
treefish, <i>S. serriceps</i>	treefish, <i>S. serriceps</i>
<u>SHELF</u>	
bronzespotted, <i>S. gilli</i>	bronzespotted, <i>S. gilli</i>
bocaccio, <i>S. paucispinis</i>	chameleon, <i>S. phillippi</i>
chameleon, <i>S. phillipi</i>	dwarf-red, <i>S. rufianus</i>
chilipepper, <i>S. goodei</i>	flag, <i>S. rubrivinctus</i>
cowcod, <i>S. levis</i>	freckled, <i>S. lentiginosus</i>
dwarf-red, <i>S. rufianus</i>	greenblotched, <i>S. rosenblatti</i>
flag, <i>S. rubrivinctus</i>	greenspotted, <i>S. chlorostictus</i>
freckled, <i>S. lentiginosus</i>	greenstriped, <i>S. elongatus</i>
greenblotched, <i>S. rosenblatti</i>	halfbanded, <i>S. semicinctus</i>
greenspotted, <i>S. chlorostictus</i>	honeycomb, <i>S. umbrosus</i>
greenstriped, <i>S. elongatus</i>	Mexican, <i>S. macdonaldi</i>
halfbanded, <i>S. semicinctus</i>	pink, <i>S. eos</i>
honeycomb, <i>S. umbrosus</i>	pinkrose, <i>S. simulator</i>
Mexican, <i>S. macdonaldi</i>	pygmy, <i>S. wilsoni</i>
pink, <i>S. eos</i>	redstriped, <i>S. proriger</i>
pinkrose, <i>S. simulator</i>	rosethorn, <i>S. helvomaculatus</i>
pygmy, <i>S. wilsoni</i>	rosy, <i>S. rosaceus</i>
redstriped, <i>S. proriger</i>	silvergrey, <i>S. brevispinus</i>
rosethorn, <i>S. helvomaculatus</i>	speckled, <i>S. ovalis</i>
rosy, <i>S. rosaceus</i>	squarespot, <i>S. hopkinsi</i>
silvergrey, <i>S. brevispinis</i>	starry, <i>S. constellatus</i>
speckled, <i>S. ovalis</i>	stripetail, <i>S. saxicola</i>
squarespot, <i>S. hopkinsi</i>	swordspine, <i>S. ensifer</i>
starry, <i>S. constellatus</i>	tiger, <i>S. nigrocinctus</i>
stripetail, <i>S. saxicola</i>	vermillion, <i>S. miniatus</i>
swordspine, <i>S. ensifer</i>	yelloweye, <i>S. ruberrimus</i>
tiger, <i>S. nigrocinctus</i>	yellowtail, <i>S. flavidus</i>
vermillion, <i>S. miniatus</i>	
yelloweye, <i>S. ruberrimus</i>	
<u>SLOPE</u>	
aurora, <i>S. aurora</i>	aurora, <i>S. aurora</i>
bank, <i>S. rufus</i>	bank, <i>S. rufus</i>
blackgill, <i>S. melanostomus</i>	blackgill, <i>S. melanostomus</i>
darkblotched, <i>S. crameri</i>	darkblotched, <i>S. crameri</i>
redbanded, <i>S. babcocki</i>	Pacific ocean perch (POP), <i>S. alutus</i>
rougheye, <i>S. aleutianus</i>	redbanded, <i>S. babcocki</i>
sharpchin, <i>S. zacentrus</i>	rougheye, <i>S. aleutianus</i>
shortraker, <i>S. borealis</i>	sharpchin, <i>S. zacentrus</i>
splitnose, <i>S. diploproa</i>	shortraker, <i>S. borealis</i>
yellowmouth, <i>S. reedi</i>	yellowmouth, <i>S. reedi</i>

Table 3 (North). Trip Limits and Gear Requirements^{1/} for Limited Entry Trawl Gear North of 40°10' N. Latitude^{2/}

Other Limits and Requirements Apply -- Read Sections IV. A. and B. NMFS Actions before using this table

	JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
Rockfish Conservation Area^{10/} (RCA): North of 40°10' N. lat.	100 fm - 250 fm (line modified to incorporate petrale sole fishing grounds)		100 fm - 250 fm	75 fm - 250 fm	100 fm - 250 fm	100 fm - 250 fm (line modified to incorporate petrale sole fishing grounds)
Small footrope is required shoreward of the RCA; both large and small footropes are permitted seaward of the RCA.						
A vessel may have more than one type of limited entry bottom trawl gear on board, but the most restrictive trip limit associated with the gear on board applies for that trip and will count toward the cumulative trip limit for that gear. A vessel may not have limited entry bottom trawl gear on board if that vessel also has trawl gear on board that is permitted for use within a RCA, including limited entry midwater trawl gear, regardless of whether the vessel is intending to fish within a RCA on that fishing trip. See IV.A.(14)(iv) for details.						
1 Minor slope rockfish^{3/}			1,800 lb/ 2 months			
2 Pacific ocean perch			3,000 lb/ 2 months			
3 DTS complex						
4 Sablefish	6,000 lb/ 2 months		7,000 lb/ 2 months		6,000 lb/ 2 months	
5 Longspine thornyhead	8,000 lb/ 2 months		9,000 lb/ 2 months		7,000 lb/ 2 months	
6 Shortspine thornyhead	2,300 lb/ 2 months		2,400 lb/ 2 months		2,200 lb/ 2 months	
7 Dover sole	26,000 lb/ 2 months		25,000 lb/ 2 months		26,000 lb/ 2 months	
8 Flatfish						
9 All other flatfish^{4/}	100,000 lb/ 2 months		100,000 lb/ 2 months, no more than 30,000 lb/ 2 months of which may be petrale sole		100,000 lb/ 2 months	
10 Petrale sole	Not limited				Not limited	
11 Rex sole			Included in all other flatfish			
12 Arrowtooth flounder	30,000 lb/ trip		60,000 lb/ 2 months; 7,500 lb/ trip		30,000 lb/ trip	
13 Whiting^{5/}						
14 mid-water trawl	20,000 lb/ trip		Primary Season (mid-water trawl permitted in the RCA)		10,000 lb/ trip	
15 Other Fish^{9/}			Not limited			
16 Use of small footrope bottom trawl^{7/} or mid-water trawl is required for landing all of the following species:						
17 Minor shelf rockfish and widow rockfish^{3/}	300 lb/ month		1,000 lb/ month, no more than 200 lb/ month of which may be yelloweye rockfish		300 lb/ month	
18 Widow rockfish						
19 mid-water trawl - permitted within the RCA	CLOSED ^{6/}		During primary whiting season, in trips of at least 10,000 lb of whiting: combined widow and yellowtail limit of 500 lb/ trip, cumulative widow limit of 1,500 lb/ month	CLOSED ^{6/}	12,000 lb/ 2 months	
20 Canary rockfish	100 lb/ month		300 lb/ month		100 lb/ month	
21 Yellowtail						
22 mid-water trawl - permitted within the RCA	CLOSED ^{6/}		During primary whiting season, in trips of at least 10,000 lb of whiting: combined widow and yellowtail limit of 500 lb/ trip, cumulative yellowtail limit of 2,000 lb/ month		18,000 lb/ 2 months	
23 small footrope trawl^{7/}			In landings without flatfish, 1,000 lb/ month. As flatfish bycatch, per trip limit is the sum of 33% (by weight) of all flatfish except arrowtooth flounder, plus 10% (by weight) of arrowtooth flounder. Total yellowtail landings not to exceed 3,000 lb/ month, no more than 1,000 lb of which may be landed without flatfish.			
24 Minor nearshore rockfish			300 lb/ month			
25 Lingcod^{8/}	800 lb/ 2 months		1,000 lb/ 2 months		800 lb/ 2 months	

1/ Gear requirements and prohibitions are explained above. See IV. A.(14).

2/ "North" means 40°10' N. lat. to the U.S.-Canada border. 40°10' N. lat. is about 20 nm south of Cape Mendocino, CA.

3/ Bocaccio and chilipepper are included in the trip limits for minor shelf rockfish and splitnose rockfish is included in the trip limits for minor slope rockfish.

4/ "Other" flatfish means all flatfish at 50 CFR 660.302 except those in this Table 3 with species specific management measures, including trip limits.

5/ The whiting "per trip" limit in the Eureka area shoreward of 100 fm is 10,000 lb/ trip throughout the year. Outside Eureka area, the 20,000 lb/ trip limit applies. See IV. B.(3).

6/ Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV. A.(7).

7/ Small footrope trawl means a bottom trawl net with a footrope no larger than 8 inches (20 cm) in diameter.

8/ The minimum size limit for lingcod is 24 inches (61 cm) total length.

9/ Other fish are defined at 50 CFR 660.302, as those groundfish species or species groups for which there is no trip limit, size limit, quota, or harvest guideline.

10/ The "Rockfish Conservation Area" is a gear and/or sector specific closed area generally described by depth contours but specifically defined by lat/long coordinates set out at IV. A.(19)(e), that may vary seasonally.

To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram.

Table 3 (South). Trip Limits and Gear Requirements^{1/} for Limited Entry Trawl Gear South of 40°10' N. Latitude^{2/}

Other Limits and Requirements Apply -- Read Sections IV. A. and B. NMFS Actions before using this table

	JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
Rockfish Conservation Area^{10/} (RCA):						
40°10' - 38° N. lat.	50 fm - 250 fm (line modified to incorporate petrale sole fishing grounds)		60 fm - 250 fm		60 fm - 250 fm (line modified to incorporate petrale sole fishing grounds)	
38° - 34°27' N. lat.	50 fm - 150 fm		60 fm - 150 fm			
South of 34°27' N. lat.		100 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands				
Small footrope is required shoreward of the RCA; both large and small footropes are permitted seaward of the RCA.						
A vessel may have more than one type of limited entry bottom trawl gear on board, but the most restrictive trip limit associated with the gear on board applies for that trip and will count toward the cumulative trip limit for that gear. A vessel may not have limited entry bottom trawl gear on board if that vessel also has trawl gear on board that is permitted for use within a RCA, including limited entry midwater trawl gear, regardless of whether the vessel is intending to fish within a RCA on that fishing trip.						
See IV.A.(14)(iv) for details.						
1 Minor slope rockfish^{3/}						
2 40°10' - 38° N. lat.		1,800 lb/ 2 months				
3 South of 38° N. lat.		30,000 lb/ 2 months				
4 Splitnose						
5 40°10' - 38° N. lat.		1,800 lb/ 2 months				
6 South of 38° N. lat.		30,000 lb/ 2 months				
7 DTS complex						
8 Sablefish	6,000 lb/ 2 months		7,000 lb/ 2 months		6,000 lb/ 2 months	
9 Longspine thornyhead	8,000 lb/ 2 months		9,000 lb/ 2 months		7,000 lb/ 2 months	
10 Shortspine thornyhead	2,300 lb/ 2 months		2,400 lb/ 2 months		2,200 lb/ 2 months	
11 Dover sole	26,000 lb/ 2 months		25,000 lb/ 2 months		26,000 lb/ 2 months	
12 Flatfish						
13 All other flatfish ^{4/}	70,000 lb/ 2 months	70,000 lb/ 2 months, no more than 10,000 lb/ 2 months of which may be petrale sole			70,000 lb/ 2 months	
14 Petrale sole	No limit				No limit	
15 Rex sole		Included in all other flatfish				
16 Arrowtooth flounder	No limit		1,000 lb/ 2 months		No limit	
17 Whiting^{5/}						
18 mid-water trawl	20,000 lb/ trip		Primary Season (mid-water trawl permitted within the RCA)		10,000 lb/ trip	
19 Other Fish^{9/}	Not limited					
20 Use of small footrope bottom trawl^{7/} or mid-water trawl is required for landing all of the following species:						
21 Minor shelf rockfish, widow, and chili pepper rockfish^{3/}	300 lb/ month					
22 Widow rockfish						
23 mid-water trawl - permitted within the RCA	CLOSED ^{8/}					12, 000 lb/ 2 months
24 Canary rockfish	100 lb/ month		300 lb/ month		100 lb/ month	
25 Bocaccio		CLOSED ^{8/}				
26 Cowcod		CLOSED ^{8/}				
27 Minor nearshore rockfish		300 lb/ month				
28 Lingcod^{8/}	800 lb/ 2 months		1,000 lb/ 2 months		800 lb/ 2 months	

1/ Gear requirements and prohibitions are explained above. See IV. A.(14).

2/ "South" means 40°10' N. lat. to the U.S.-Mexico border. 40°10' N. lat. is about 20 nm south of Cape Mendocino, CA.

3/ Yellowtail is included in the trip limits for minor shelf rockfish and POP is included in the trip limits for minor slope rockfish.

4/ "Other" flatfish means all flatfish at 50 CFR 660.302 except those in this Table 3 with species specific management measures, including trip limits.

5/ The whiting "per trip" limit in the Eureka area shoreward of 100 fm is 10,000 lb/ trip throughout the year. Outside Eureka area, the 20,000 lb/ trip limit applies. See IV. B.(3).

6/ Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV. A.(7).

7/ Small footrope trawl means a bottom trawl net with a footrope no larger than 8 inches (20 cm) in diameter.

8/ The minimum size limit for lingcod is 24 inches (61 cm) total length.

9/ Other fish are defined at 50 CFR 660.302, as those groundfish species or species groups for which there is no trip limit, size limit, quota, or harvest guideline.

10/ The "Rockfish Conservation Area" is a gear and/or sector specific closed area generally described by depth contours but specifically defined by lat./long. coordinates set out at IV. A.(19)(e), that may vary seasonally.

To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram.

Table 4 (North). Trip Limits for Limited Entry Fixed Gear North of 40°10' N. Latitude^{1/}

Other Limits and Requirements Apply -- Read Sections IV. A. and B. NMFS Actions before using this table

	JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
Rockfish Conservation Area^{9/} (RCA):						
North of 46°16' N. lat.			shoreline - 100 fm			
46°16' N. lat. - 40°10' N. lat.			27 fm - 100 fm			
1 Minor slope rockfish^{4/}	1,800 lb/ 2 months		No more than 25% of the weight of sablefish landed/ trip		1,800 lb/ 2 months	
2 Pacific ocean perch			1,800 lb/ 2 months			
3 Sablefish		300 lb/ day, or 1 landing per week of up to 800 lb, not to exceed 3,200 lb/ 2 months				
4 Longspine thornyhead			9,000 lb/ 2 months			
5 Shortspine thornyhead			2,000 lb/ 2 months			
6 Dover sole						
7 Arrowtooth flounder						
8 Petrale sole			5,000 lb/ month			
9 Rex sole						
10 All other flatfish^{2/}						
11 Whiting^{3/}			10,000 lb/ trip			
12 Minor shelf rockfish, widow, and yellowtail rockfish^{4/}			200 lb/ month			
13 Canary rockfish			CLOSED ^{5/}			
14 Yelloweye rockfish			CLOSED ^{5/}			
15 Cowcod			CLOSED ^{5/}			
16 Minor nearshore rockfish		3,000 lb/ 2 months, no more than 900 lb of which may be species other than black or blue rockfish ^{6/}				
17 Lingcod^{7/}	CLOSED ^{5/}		400 lb/ month		CLOSED ^{5/}	
18 Other fish^{8/}			Not limited			

1/ "North" means 40°10' N. lat. to the U.S.-Canada border. 40°10' N. lat. is about 20 nm south of Cape Mendocino, CA.

2/ "Other flatfish" means all flatfish at 50 CFR 660.302 except those in this Table 4 with species specific management measures, including trip limits.

3/ TThe whiting "per trip" limit in the Eureka area shoreward of 100 fm is 10,000 lb/ trip throughout the year. Outside Eureka area, the 20,000 lb/ trip limit applies. See IV. B.(3).

4/ Bocaccio and chili pepper are included in the trip limits for minor shelf rockfish and splitnose rockfish is included in the trip limits for minor slope rockfish.

5/ Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV. A.(7).

6/ For black rockfish north of Cape Alava (48°09'30" N. lat.), and between Destruction Island (47°40'00" N. lat.) and Leadbetter Point (46°38'10" N. lat.).

there is an additional limit of 100 lb or 30 percent by weight of all fish on board, whichever is greater, per vessel, per fishing trip.

7/ The minimum size limit for lingcod is 24 inches (61 cm) total length.

8/ The "Rockfish Conservation Area" is a gear and/or sector specific closed area generally described by depth contours but specifically defined by lat./long. coordinates set out at IV. A.(19)(e), that may vary seasonally.

9/ Other fish are defined at 50 CFR 660.302, as those groundfish species or species groups for which there is no trip limit, size limit, quota, or harvest guideline.

To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram.

Table 4 (South). Trip Limits for Limited Entry Fixed Gear South of 40°10' N. Latitude^{1/}

Other Limits and Requirements Apply -- Read Sections IV. A. and B. NMFS Actions before using this table

	JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
Rockfish Conservation Area^{7/} (RCA): South of 40°10' N. lat.		20 fm - 150 fm		20 fm - 150 fm -- Between a line drawn due south from Point Femmin (33° 42' 30" N. lat.; 118° 17' 30" W. long.) and a line drawn due west from the Newport South Jetty (33° 35' 37" N. lat.; 117° 52' 50" W. long.) vessels fishing with hook&line and/or trap (or pot) gear may operate from shore to a boundary line approximating 50 fm		20 fm - 150 fm
1 Minor slope rockfish^{4/}						
2 40°10' - 38° N. lat.	1,800 lb/ 2 months		No more than 25% of weight of sablefish landed/ trip		1,800 lb/ 2 months	
3 South of 38° N. lat.			30,000 lb/ 2 months			
4 Splitnose						
5 40°10' - 38° N. lat.			1,800 lb/ 2 months			
6 South of 38° N. lat.			20,000 lb/ 2 months			
7 Sablefish						
8 40°10' - 36° N. lat.		300 lb/ day, or 1 landing per week of up to 800 lb, not to exceed 3,200 lb/ 2 months				
9 South of 36° N. lat.			350 lb/ day, or 1 landing per week of up to 1,050 lb			
10 Longspine thornyhead			9,000 lb/ 2 months			
11 Shortspine thornyhead			2,000 lb/ 2 months			
12 Dover sole						
13 Arrowtooth flounder			5,000 lb/ month			
14 Petrale sole						
15 Rex sole						
16 All other flatfish^{2/}						
17 Whiting^{3/}			10,000 lb/ trip			
18 Minor shelf rockfish, widow, and yellowtail rockfish^{4/}	100 lb/ 2 month	CLOSED ^{5/}	200 lb/ 2 months	250 lb/ 2 months	200 lb/ 2 months	100 lb/ 2 months
19 Canary rockfish			CLOSED ^{5/}			
20 Yelloweye rockfish			CLOSED ^{5/}			
21 Cowcod			CLOSED ^{5/}			
22 Bocaccio			CLOSED ^{5/}			
23 Minor nearshore rockfish						
24 Shallow nearshore	200 lb/ 2 months		400 lb/ 2 months	500 lb/ 2 months	400 lb/ 2 months	200 lb/ 2 months
25 Deep nearshore	200 lb/ 2 months	CLOSED ^{5/}	200 lb/ 2 months	400 lb/ 2 months	200 lb/ 2 months	200 lb/ 2 months
26 California scorpionfish		CLOSED ^{5/}		800 lb/ 2 months		CLOSED ^{5/}
27 Lingcod^{6/}		CLOSED ^{5/}		400 lb/ month, when nearshore open		CLOSED ^{5/}
28 Other fish^{8/}			Not limited			

1/ "South" means 40°10' N. lat. to the U.S.-Mexico border. 40°10' N. lat. is about 20 nm south of Cape Mendocino, CA.

2/ "Other flatfish" means all flatfish at 50 CFR 660.302 except those in this Table 4 with species specific management measures, including trip limits.

3/ The whiting "per trip" limit in the Eureka area shoreward of 100 fm is 10,000 lb/ trip throughout the year. Outside Eureka area, the 20,000 lb/ trip limit applies. See IV. B.(3).

4/ Chilean rockfish is included in the trip limits for minor shelf rockfish and POP is included in the trip limits for minor slope rockfish.

5/ Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV. A.(7).

6/ The minimum size limit for lingcod is 24 inches (61 cm) total length.

7/ The "Rockfish Conservation Area" is a gear and/or sector specific closed area generally described by depth contours but specifically defined by lat/long coordinates set out at IV. A.(19)(e) that may vary seasonally.

8/ Other fish are defined at 50 CFR 660.302, as those groundfish species or species groups for which there is no trip limit, size limit, quota, or harvest guideline.

To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram.

Table 5 (North). 2003 Trip Limits for Open Access Gears North of 40°10' N. Latitude^{1/}

Other Limits and Requirements Apply -- Read Sections IV. A. and C. NMFS Actions before using this table

	JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
Rockfish Conservation Area^{8/} (RCA):						
North of 46°16' N. lat.			0 fm - 100 fm			
46°16' N. lat. - 40°10' N. lat.			27 fm - 100 fm			
1 Minor slope rockfish^{2/}			Per trip, no more than 25% of weight of the sablefish landed			
2 Pacific ocean perch			100 lb/ month			
3 Sablefish		300 lb/ day, or 1 landing per week of up to 800 lb, not to exceed 3,200 lb/ 2 months				
4 Thornyheads			CLOSED ^{5/}			
5 Dover sole						
6 Arrowtooth flounder						
7 Petrale sole		3,000 lb/month, no more than 300 lb of which may be species other than Pacific sanddabs.				
8 Rex sole						
9 All other flatfish^{3/}						
10 Whiting		300 lb/ month				
11 Minor shelf rockfish, widow and yellowtail rockfish^{2/}		200 lb/ month				
12 Canary rockfish			CLOSED ^{5/}			
13 Yelloweye rockfish			CLOSED ^{5/}			
14 Cowcod			CLOSED ^{5/}			
15 Minor nearshore rockfish		3,000 lb/ 2 months, no more than 900 lb of which may be species other than black or blue rockfish ^{4/}				
16 Lingcod^{6/}	CLOSED ^{5/}		300 lb/ month		CLOSED ^{5/}	
17 Other Fish^{7/}			Not limited			
18 PINK SHRIMP EXEMPTED TRAWL (not subject to RCAs)						
19 North	Effective April 1 - October 31, 2003: groundfish 500 lb/day, multiplied by the number of days of the trip, not to exceed 1,500 lb/trip. The following sublimits also apply and are counted toward the overall 500 lb/day and 1,500 lb/trip groundfish limits: lingcod 300 lb/month (minimum 24 inch size limit); sablefish 2,000 lb/month; canary, thornyheads and yelloweye rockfish are PROHIBITED. All other groundfish species taken are managed under the overall 500 lb/day and 1,500 lb/trip groundfish limits. Landings of these species count toward the per day and per trip groundfish limits and do not have species-specific limits. The amount of groundfish landed may not exceed the amount of pink shrimp landed.					
20 PRAWN EXEMPTED TRAWL (not subject to RCAs)						
21 North	Groundfish 300 lb/trip. Limits and closures in this table also apply and are counted toward the 300 lb groundfish per trip limit. The amount of groundfish landed may not exceed the amount of the target species landed, except that the amount of spiny dogfish landed may exceed the amount of target species landed. Spiny dogfish are limited by the 300 lb/trip overall groundfish limit. The daily trip limits for sablefish coastwide and the overall groundfish "per trip" limit may not be multiplied by the number of days of the trip.					

1/ "North" means 40°10' N. lat. to the U.S.-Canada border. 40°10' N. lat. is about 20 nm south of Cape Mendocino, CA.

2/ Bocaccio and chili pepper rockfishes are included in the trip limits for minor shelf rockfish and splinnose rockfish is included in the trip limits for minor slope rockfish.

3/ "Other flatfish" means all flatfish at 50 CFR 660.302 except those in this Table 5 with species specific management measures, including trip limits.

4/ For black rockfish north of Cape Alava (48°09'30" N. lat.), and between Destruction Island (47°40' N. lat.) and Leadbetter Point (46°38'10" N. lat.), there is an additional limit of 100 lbs or 30 percent by weight of all fish on board, whichever is greater, per vessel, per fishing trip.

5/ Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV. A.(7).

6/ The size limit for lingcod is 24 inches (61 cm) total length.

7/ Other fish are defined at 50 CFR 660.302, as those groundfish species or species groups for which there is no trip limit, size limit, quota, or harvest guideline.

8/ The "Rockfish Conservation Area" is a gear and/or sector specific closed area generally described by depth contours, but specifically defined by lat./long. coordinates set out at IV. A.(19)(e), that may vary seasonally.

To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram.

Table 5 (South). 2003 Trip Limits for Open Access Gears South of $40^{\circ}10' N.$ Latitude^{1/}

Other Limits and Requirements Apply -- Read Sections IV. A. and C. NMFS Actions before using this table

	JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
Rockfish Conservation Area^{7j} (RCA):						
South of 40°10' N. lat.	20 fm - 150 fm			20 fm - 150 fm Between a line drawn due south from Point Fermin (33° 42' 30" N. lat.; 118° 17' 30" W. long.) and a line drawn due west from the Newport South Jetty (33° 35' 37" N. lat.; 117° 52' 50" W. long.,) vessels fishing with hook&line and/or trap (or pot) gear may operate from shore to a boundary line approximating 50 fm	20 fm - 150 fm	
1 Minor slope rockfish^{2j}						
2 40°10' - 38° N. lat.				Per trip, no more than 25% of weight of the sablefish landed		
3 South of 38° N. lat.				10,000 lb/ 2 months		
4 Splitnose				200 lb/month		
5 Sablefish						
6 40°10' - 36° N. lat.				300 lb/day, or 1 landing per week of up to 800 lb, not to exceed 3,200 lb/ 2 months		
7 South of 36° N. lat.				350 lb/day, or 1 landing per week of up to 1,050 lb		
8 Thornyheads						
9 40°10' - 34°27' N. lat.				CLOSED ^{5j}		
10 South of 34°27' N. lat.				50 lb/day, no more than 2,000 lb/ 2 months		
11 Dover sole						
12 Arrowtooth flounder				3,000 lb/month, no more than 300 lb of which may be species other than Pacific sanddabs. When fishing for Pacific sanddabs, vessels using hook-and-line gear with no more than 12 hooks per line, using hooks no larger than "Number 2" hooks, which measure 11 mm (0.44 inches) point to shank, and up to 1 lb of weight per line are not subject to the RCAs.		
13 Petrale sole						
14 Rex sole						
15 All other flatfish^{3j}						
16 Whiting				300 lb/month		
17 Minor shelf rockfish, widow and chili pepper rockfish^{2j}	100 lb/ 2 month	CLOSED ^{5j}	200 lb/ 2 months	250 lb/ 2 months	200 lb/ 2 months	100 lb/ 2 months
18 Canary rockfish				CLOSED ^{5j}		
19 Yelloweye rockfish				CLOSED ^{5j}		
20 Cowcod				CLOSED ^{5j}		
21 Bocaccio				CLOSED ^{5j}		
22 Minor nearshore rockfish						
23 Shallow nearshore	200 lb/ 2 months	CLOSED ^{5j}	400 lb/ 2 months	500 lb/ 2 months	400 lb/ 2 months	200 lb/ 2 months
24 Deep nearshore	200 lb/ 2 months		200 lb/ 2 months	400 lb/ 2 months	200 lb/ 2 months	200 lb/ 2 months
25 California scorpionfish		CLOSED ^{5j}		800 lb/ 2 months		CLOSED ^{5j}
26 Lingcod^{4j}		CLOSED ^{5j}		300 lb/month, when nearshore open		CLOSED ^{5j}
27 Other Fish^{6j}				Not limited		
28 PINK SHRIMP EXEMPTED TRAWL GEAR (not subject to RCAs)						
29 South				Effective April 1 - October 31, 2003: Groundfish 500 lb/day, multiplied by the number of days of the trip, not to exceed 1,500 lb/trip. The following sublimits also apply and are counted toward the overall 500 lb/day and 1,500 lb/trip groundfish limits: lingcod 300 lb/month (minimum 24 inch size limit); sablefish 2,000 lb/month; canary, thornyheads and yelloweye rockfish are PROHIBITED. All other groundfish species taken are managed under the overall 500 lb/day and 1,500 lb/trip groundfish limits. Landings of these species count toward the per day and per trip groundfish limits and do not have species-specific limits. The amount of groundfish landed may not exceed the amount of pink shrimp landed.		
30 PRAWN AND, SOUTH OF 38°57'30" N. LAT., CALIFORNIA HALIBUT AND SEA CUCUMBER EXEMPTED TRAWL						
31 EXEMPTED TRAWL Rockfish Conservation Area^{8j} (RCA):						
32 40°10' - 38° N. lat.	50 fm - 250 fm			60 fm - 250 fm		
33 38° - 34°27' N. lat.	50 fm - 150 fm			60 fm - 150 fm		
34 South of 34°27' N. lat.			100 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands			
35			Groundfish 300 lb/trip. Trip limits in this table also apply and are counted toward the 300 lb groundfish per trip limit. The amount of groundfish landed may not exceed the amount of the target species landed, except that the amount of spiny dogfish landed may exceed the amount of target species landed. Spiny dogfish are limited by the 300 lb/trip overall groundfish limit. The daily trip limits for sablefish, coastwide and thornyheads south of Pt. Conception and the overall groundfish "per trip" limit may not be multiplied by the number of days of the trip. Vessels participating in the California halibut fishery south of 38°57'30" N. lat. are allowed to (1) land up to 100 lb/day of groundfish without the ratio requirement, provided that at least one California halibut is landed and (2) land up to 3,000 lb/month of flatfish, no more than 300 lb of which may be species other than Pacific sanddabs, sand sole, starry flounder, rock sole, cufquin sole, or California scorpionfish (California scorpionfish is also subject to the trip limits and closures in line 25).			

¹/ "South" means 40°10' N. lat. to the U.S.-Mexico border. 40°10' N. lat. is about 20 nm south of Cape Mendocino, CA.

2/ Yellowtail rockfish is included in the trip limits for minor shelf rockfish and POP is included in the trip limits for minor slope rockfish.

2) Tenwallow rockfish is included in the trip limits for minor shell rockfish and POP is included in the trip limits for minor slope rockfish.

4/ The size limit for lingcod is 24 inches (61 cm) total length

5/ Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV, A (7).

5) Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV. A.(7).

6/ Other fish are defined at 50 CFR 660.302, as those groundfish species or species groups for which there is no trip limit, size limit, quota, or harvest guideline.

7/ The "Rockfish Conservation Area" is a gear- and/or sector-specific closed area generally described by depth contours, but specifically defined by

77 The "Rockfish Conservation Area" is a gear and/or sector specific closed area generally described by depth contours, but specifically defined by latitude and longitude.

lat./long. coordinates set out at IV. A.(19)(e), that may vary seasonally.

To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram.

RCA Boundary Coordinates

1. The **27 fm depth contour** used between 46°16' N. lat. and 40°10' N. lat. as an eastern boundary for the non-trawl RCA is defined by straight lines connecting all of the following points in the order stated:

- (1) 46°16.00' N. lat., 124°12.39' W. long.;
- (2) 46°14.85' N. lat., 124°12.39' W. long.;
- (3) 46°03.95' N. lat., 124°03.64' W. long.;
- (4) 45°43.14' N. lat., 124°00.17' W. long.;
- (5) 45°23.33' N. lat., 124°01.99' W. long.;
- (6) 45°09.54' N. lat., 124°01.65' W. long.;
- (7) 44°39.99' N. lat., 124°08.67' W. long.;
- (8) 44°20.86' N. lat., 124°10.31' W. long.;
- (9) 43°37.11' N. lat., 124°14.91' W. long.;
- (10) 43°27.54' N. lat., 124°18.98' W. long.;
- (11) 43°20.68' N. lat., 124°25.53' W. long.;
- (12) 43°15.08' N. lat., 124°27.17' W. long.;
- (13) 43°06.89' N. lat., 124°29.65' W. long.;
- (14) 43°01.02' N. lat., 124°29.70' W. long.;
- (15) 42°52.67' N. lat., 124°36.10' W. long.;
- (16) 42°45.96' N. lat., 124°37.95' W. long.;
- (17) 42°45.80' N. lat., 124°35.41' W. long.;
- (18) 42°38.46' N. lat., 124°27.49' W. long.;
- (19) 42°35.29' N. lat., 124°26.85' W. long.;
- (20) 42°31.49' N. lat., 124°31.40' W. long.;
- (21) 42°29.06' N. lat., 124°32.24' W. long.;
- (22) 42°14.26' N. lat., 124°26.27' W. long.;
- (23) 42°04.86' N. lat., 124°21.94' W. long.;
- (24) 42°00.10' N. lat., 124°20.99' W. long.;
- (25) 42°00.00' N. lat., 124°21.03' W. long.;
- (26) 41°56.33' N. lat., 124°20.34' W. long.;
- (27) 41°50.93' N. lat., 124°23.74' W. long.;
- (28) 41°41.83' N. lat., 124°16.99' W. long.;
- (29) 41°35.48' N. lat., 124°16.35' W. long.;
- (30) 41°23.51' N. lat., 124°10.48' W. long.;
- (31) 41°04.62' N. lat., 124°14.44' W. long.;
- (32) 40°54.28' N. lat., 124°13.90' W. long.;
- (33) 40°40.37' N. lat., 124°26.21' W. long.;
- (34) 40°34.03' N. lat., 124°27.36' W. long.;
- (35) 40°28.88' N. lat., 124°32.41' W. long.;
- (36) 40°24.82' N. lat., 124°29.56' W. long.;
- (37) 40°22.64' N. lat., 124°24.05' W. long.;
- (38) 40°18.67' N. lat., 124°21.90' W. long.;
- (39) 40°14.23' N. lat., 124°23.72' W. long.; and
- (40) 40°10.00' N. lat., 124°17.22' W. long.

2. The **75 fm depth contour** used north of 40°10' N. lat. as an eastern boundary for the trawl RCA in the months of July and August is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°16.08' N. lat., 125°34.90' W. long.;
- (2) 48°14.50' N. lat., 125°29.50' W. long.;
- (3) 48°12.08' N. lat., 125°28.00' W. long.;
- (4) 48°09.00' N. lat., 125°28.00' W. long.;
- (5) 48°07.80' N. lat., 125°31.70' W. long.;
- (6) 48°04.28' N. lat., 125°29.00' W. long.;
- (7) 48°02.50' N. lat., 125°25.70' W. long.;
- (8) 48°10.00' N. lat., 125°20.19' W. long.;
- (9) 48°21.70' N. lat., 125°17.56' W. long.;
- (10) 48°24.69' N. lat., 125°05.55' W. long.;
- (11) 48°23.05' N. lat., 124°48.80' W. long.;
- (12) 48°17.10' N. lat., 124°54.82' W. long.;
- (13) 48°05.10' N. lat., 124°59.40' W. long.;
- (14) 48°04.50' N. lat., 125°02.00' W. long.;
- (15) 48°04.70' N. lat., 125°04.08' W. long.;
- (16) 48°05.20' N. lat., 125°04.90' W. long.;
- (17) 48°06.80' N. lat., 125°06.15' W. long.;
- (18) 48°05.91' N. lat., 124°08.30' W. long.;
- (19) 48°07.00' N. lat., 124°09.80' W. long.;
- (20) 48°06.93' N. lat., 124°11.48' W. long.;
- (21) 48°04.98' N. lat., 124°10.02' W. long.;
- (22) 47°54.00' N. lat., 125°04.98' W. long.;
- (23) 47°44.52' N. lat., 125°00.00' W. long.;
- (24) 47°42.00' N. lat., 124°58.98' W. long.;
- (25) 47°35.52' N. lat., 124°55.50' W. long.;
- (26) 47°22.02' N. lat., 124°44.40' W. long.;
- (27) 47°16.98' N. lat., 124°45.48' W. long.;
- (28) 47°10.98' N. lat., 124°48.48' W. long.;
- (29) 47°04.98' N. lat., 124°49.02' W. long.;
- (30) 46°57.98' N. lat., 124°46.50' W. long.;
- (31) 46°54.00' N. lat., 124°45.00' W. long.;
- (32) 46°48.48' N. lat., 124°44.52' W. long.;

- (33) 46°40.02' N. lat., 124°36.00' W. long.;
 (34) 46°34.09' N. lat., 124°27.03' W. long.;
 (35) 46°24.64' N. lat., 124°30.33' W. long.;
 (36) 46°19.98' N. lat., 124°36.00' W. long.;
 (37) 46°18.14' N. lat., 124°34.26' W. long.;
 (38) 46°18.72' N. lat., 124°22.68' W. long.;
 (39) 46°14.64' N. lat., 124°22.54' W. long.;
 (40) 46°11.08' N. lat., 124°30.74' W. long.;
 (41) 46°04.28' N. lat., 124°31.49' W. long.;
 (42) 45°55.97' N. lat., 124°19.95' W. long.;
 (43) 45°44.97' N. lat., 124°15.96' W. long.;
 (44) 45°43.14' N. lat., 124°21.86' W. long.;
 (45) 45°34.44' N. lat., 124°14.44' W. long.;
 (46) 45°15.49' N. lat., 124°11.49' W. long.;
 (47) 44°57.31' N. lat., 124°15.03' W. long.;
 (48) 44°43.90' N. lat., 124°28.88' W. long.;
 (49) 44°28.64' N. lat., 124°35.67' W. long.;
 (50) 44°25.31' N. lat., 124°43.08' W. long.;
 (51) 44°17.15' N. lat., 124°47.98' W. long.;
 (52) 44°13.67' N. lat., 124°54.41' W. long.;
 (53) 43°56.85' N. lat., 124°55.32' W. long.;
 (54) 43°57.50' N. lat., 124°41.23' W. long.;
 (55) 44°01.79' N. lat., 124°38.00' W. long.;
 (56) 44°02.16' N. lat., 124°32.62' W. long.;
 (57) 43°58.15' N. lat., 124°30.39' W. long.;
 (58) 43°53.25' N. lat., 124°31.39' W. long.;
 (59) 43°35.56' N. lat., 124°28.17' W. long.;
 (60) 43°21.84' N. lat., 124°36.07' W. long.;
 (61) 43°19.73' N. lat., 124°34.86' W. long.;
 (62) 43°09.38' N. lat., 124°39.30' W. long.;
 (63) 43°07.11' N. lat., 124°37.66' W. long.;
 (64) 42°56.27' N. lat., 124°43.29' W. long.;
 (65) 42°45.00' N. lat., 124°41.50' W. long.;
 (66) 42°39.72' N. lat., 124°39.11' W. long.;
 (67) 42°32.88' N. lat., 124°40.13' W. long.;
 (68) 42°32.30' N. lat., 124°39.04' W. long.;
 (69) 42°26.96' N. lat., 124°44.31' W. long.;
 (70) 42°24.11' N. lat., 124°42.16' W. long.;
 (71) 42°21.10' N. lat., 124°35.46' W. long.;
 (72) 42°14.72' N. lat., 124°32.30' W. long.;
 (73) 42°09.24' N. lat., 124°32.04' W. long.;
 (74) 42°01.89' N. lat., 124°32.70' W. long.;
 (75) 42°00.03' N. lat., 124°32.02' W. long.;
 (76) 42°00.00' N. lat., 124°32.02' W. long.;
 (77) 41°46.18' N. lat., 124°26.60' W. long.;
 (78) 41°29.22' N. lat., 124°28.04' W. long.;
 (79) 41°09.62' N. lat., 124°19.75' W. long.;
 (80) 40°50.71' N. lat., 124°23.80' W. long.;
 (81) 40°43.35' N. lat., 124°29.30' W. long.;
 (82) 40°40.24' N. lat., 124°29.86' W. long.;
 (83) 40°37.50' N. lat., 124°28.68' W. long.;
 (84) 40°34.42' N. lat., 124°29.65' W. long.;
 (85) 40°34.74' N. lat., 124°34.61' W. long.;
 (86) 40°31.70' N. lat., 124°37.13' W. long.;
 (87) 40°25.03' N. lat., 124°34.77' W. long.;
 (88) 40°23.58' N. lat., 124°31.49' W. long.;
 (89) 40°23.64' N. lat., 124°28.35' W. long.;
 (90) 40°22.53' N. lat., 124°24.76' W. long.;
 (91) 40°21.46' N. lat., 124°24.86' W. long.;
 (92) 40°21.74' N. lat., 124°27.63' W. long.;
 (93) 40°19.76' N. lat., 124°28.15' W. long.;
 (94) 40°18.00' N. lat., 124°25.38' W. long.;
 (95) 40°18.54' N. lat., 124°22.94' W. long.;
 (96) 40°15.55' N. lat., 124°25.75' W. long.;
 (97) 40°16.06' N. lat., 124°30.48' W. long.;
 (98) 40°15.75' N. lat., 124°31.69' W. long.; and
 (99) 40°10.00' N. lat., 124°21.28' W. long.

3. The **100 fm depth contour** used north of 40°10' N. lat. as an eastern boundary for the trawl RCA and as a western boundary for the non-trawl RCA is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°15.00' N. lat., 125°41.00' W. long.;
 (2) 48°14.00' N. lat., 125°36.00' W. long.;
 (3) 48°09.50' N. lat., 125°40.50' W. long.;
 (4) 48°08.00' N. lat., 125°38.00' W. long.;
 (5) 48°05.00' N. lat., 125°37.25' W. long.;
 (6) 48°02.60' N. lat., 125°34.70' W. long.;
 (7) 47°59.00' N. lat., 125°34.00' W. long.;
 (8) 47°57.26' N. lat., 125°29.82' W. long.;
 (9) 47°59.87' N. lat., 125°25.81' W. long.;
 (10) 48°01.80' N. lat., 125°24.53' W. long.;
 (11) 48°02.08' N. lat., 125°22.98' W. long.;
 (12) 48°02.97' N. lat., 125°22.89' W. long.;
 (13) 48°04.47' N. lat., 125°21.75' W. long.;
 (14) 48°06.11' N. lat., 125°19.33' W. long.;
 (15) 48°07.95' N. lat., 125°18.55' W. long.;
 (16) 48°09.00' N. lat., 125°18.00' W. long.;
 (17) 48°11.31' N. lat., 125°17.55' W. long.;
 (18) 48°14.60' N. lat., 125°13.46' W. long.;

- (19) 48°16.67' N. lat., 125°14.34' W. long.;
 (20) 48°18.73' N. lat., 125°14.41' W. long.;
 (21) 48°19.67' N. lat., 125°13.70' W. long.;
 (22) 48°19.70' N. lat., 125°11.13' W. long.;
 (23) 48°22.95' N. lat., 125°10.79' W. long.;
 (24) 48°21.61' N. lat., 125°02.54' W. long.;
 (25) 48°23.00' N. lat., 124°49.34' W. long.;
 (26) 48°17.00' N. lat., 124°56.50' W. long.;
 (27) 48°06.00' N. lat., 125°00.00' W. long.;
 (28) 48°04.62' N. lat., 125°01.73' W. long.;
 (29) 48°04.84' N. lat., 125°04.03' W. long.;
 (30) 48°06.41' N. lat., 125°06.51' W. long.;
 (31) 48°06.00' N. lat., 125°08.00' W. long.;
 (32) 48°07.08' N. lat., 125°09.34' W. long.;
 (33) 48°07.28' N. lat., 125°11.14' W. long.;
 (34) 48°03.45' N. lat., 125°16.66' W. long.;
 (35) 47°59.50' N. lat., 125°18.88' W. long.;
 (36) 47°58.68' N. lat., 125°16.19' W. long.;
 (37) 47°56.62' N. lat., 125°13.50' W. long.;
 (38) 47°53.71' N. lat., 125°11.96' W. long.;
 (39) 47°51.70' N. lat., 125°09.38' W. long.;
 (40) 47°49.95' N. lat., 125°06.07' W. long.;
 (41) 47°49.00' N. lat., 125°03.00' W. long.;
 (42) 47°46.95' N. lat., 125°04.00' W. long.;
 (43) 47°46.58' N. lat., 125°03.15' W. long.;
 (44) 47°44.07' N. lat., 125°04.28' W. long.;
 (45) 47°43.32' N. lat., 125°04.41' W. long.;
 (46) 47°40.95' N. lat., 125°04.14' W. long.;
 (47) 47°39.58' N. lat., 125°04.97' W. long.;
 (48) 47°36.23' N. lat., 125°02.77' W. long.;
 (49) 47°34.28' N. lat., 124°58.66' W. long.;
 (50) 47°32.17' N. lat., 124°57.77' W. long.;
 (51) 47°30.27' N. lat., 124°56.16' W. long.;
 (52) 47°30.60' N. lat., 124°54.80' W. long.;
 (53) 47°29.26' N. lat., 124°52.21' W. long.;
 (54) 47°28.21' N. lat., 124°50.65' W. long.;
 (55) 47°27.38' N. lat., 124°49.34' W. long.;
 (56) 47°25.61' N. lat., 124°48.26' W. long.;
 (57) 47°23.54' N. lat., 124°46.42' W. long.;
 (58) 47°20.64' N. lat., 124°45.91' W. long.;
 (59) 47°17.99' N. lat., 124°45.59' W. long.;
 (60) 47°18.20' N. lat., 124°49.12' W. long.;
 (61) 47°15.01' N. lat., 124°51.09' W. long.;
 (62) 47°12.61' N. lat., 124°54.89' W. long.;
 (63) 47°08.22' N. lat., 124°56.53' W. long.;
 (64) 47°08.50' N. lat., 124°54.95' W. long.;
 (65) 47°01.92' N. lat., 124°57.74' W. long.;
 (66) 47°01.14' N. lat., 124°59.35' W. long.;
 (67) 46°58.48' N. lat., 124°57.81' W. long.;
 (68) 46°56.79' N. lat., 124°56.03' W. long.;
 (69) 46°58.01' N. lat., 124°55.09' W. long.;
 (70) 46°55.07' N. lat., 124°54.14' W. long.;
 (71) 46°59.60' N. lat., 124°49.79' W. long.;
 (72) 46°58.72' N. lat., 124°48.78' W. long.;
 (73) 46°54.45' N. lat., 124°48.36' W. long.;
 (74) 46°53.99' N. lat., 124°49.95' W. long.;
 (75) 46°54.38' N. lat., 124°52.73' W. long.;
 (76) 46°52.38' N. lat., 124°52.02' W. long.;
 (77) 46°48.93' N. lat., 124°49.17' W. long.;
 (78) 46°41.50' N. lat., 124°43.00' W. long.;
 (79) 46°34.50' N. lat., 124°28.50' W. long.;
 (80) 46°29.00' N. lat., 124°30.00' W. long.;
 (81) 46°20.00' N. lat., 124°36.50' W. long.;
 (82) 46°18.00' N. lat., 124°38.00' W. long.;
 (83) 46°17.52' N. lat., 124°35.35' W. long.;
 (84) 46°17.00' N. lat., 124°22.50' W. long.;
 (85) 46°15.02' N. lat., 124°23.77' W. long.;
 (86) 46°12.00' N. lat., 124°35.00' W. long.;
 (87) 46°10.50' N. lat., 124°39.00' W. long.;
 (88) 46°08.90' N. lat., 124°39.11' W. long.;
 (89) 46°00.97' N. lat., 124°38.56' W. long.;
 (90) 45°57.04' N. lat., 124°36.42' W. long.;
 (91) 45°54.29' N. lat., 124°40.02' W. long.;
 (92) 45°47.19' N. lat., 124°35.58' W. long.;
 (93) 45°41.75' N. lat., 124°28.32' W. long.;
 (94) 45°34.16' N. lat., 124°24.23' W. long.;
 (95) 45°27.10' N. lat., 124°21.74' W. long.;
 (96) 45°17.14' N. lat., 124°17.85' W. long.;
 (97) 44°59.51' N. lat., 124°19.34' W. long.;
 (98) 44°49.30' N. lat., 124°29.97' W. long.;
 (99) 44°45.64' N. lat., 124°33.89' W. long.;
 (100) 44°33.00' N. lat., 124°36.88' W. long.;
 (101) 44°28.20' N. lat., 124°44.72' W. long.;
 (102) 44°13.16' N. lat., 124°56.36' W. long.;
 (103) 43°56.34' N. lat., 124°55.74' W. long.;
 (104) 43°56.47' N. lat., 124°34.61' W. long.;
 (105) 43°42.73' N. lat., 124°32.41' W. long.;
 (106) 43°30.92' N. lat., 124°34.43' W. long.;
 (107) 43°17.44' N. lat., 124°41.16' W. long.;
 (108) 43°07.04' N. lat., 124°41.25' W. long.;
 (109) 43°03.45' N. lat., 124°44.36' W. long.;
 (110) 43°03.90' N. lat., 124°50.81' W. long.;
 (111) 42°55.70' N. lat., 124°52.79' W. long.;
 (112) 42°54.12' N. lat., 124°47.36' W. long.;

- (113) 42°43.99' N. lat., 124°42.38' W. long.;
- (114) 42°38.23' N. lat., 124°41.25' W. long.;
- (115) 42°33.02' N. lat., 124°42.38' W. long.;
- (116) 42°31.89' N. lat., 124°42.04' W. long.;
- (117) 42°30.08' N. lat., 124°42.67' W. long.;
- (118) 42°28.27' N. lat., 124°47.08' W. long.;
- (119) 42°25.22' N. lat., 124°43.51' W. long.;
- (120) 42°19.22' N. lat., 124°37.92' W. long.;
- (121) 42°16.28' N. lat., 124°36.11' W. long.;
- (122) 42°05.65' N. lat., 124°34.92' W. long.;
- (123) 42°00.00' N. lat., 124°35.27' W. long.;
- (124) 42°00.00' N. lat., 124°35.26' W. long.;
- (125) 41°47.04' N. lat., 124°27.64' W. long.;
- (126) 41°32.92' N. lat., 124°28.79' W. long.;
- (127) 41°24.17' N. lat., 124°28.46' W. long.;
- (128) 41°10.12' N. lat., 124°20.50' W. long.;
- (129) 40°51.41' N. lat., 124°24.38' W. long.;
- (130) 40°43.71' N. lat., 124°29.89' W. long.;
- (131) 40°40.14' N. lat., 124°30.90' W. long.;
- (132) 40°37.35' N. lat., 124°29.05' W. long.;
- (133) 40°34.76' N. lat., 124°29.82' W. long.;
- (134) 40°36.78' N. lat., 124°37.06' W. long.;
- (135) 40°32.44' N. lat., 124°39.58' W. long.;
- (136) 40°24.82' N. lat., 124°35.12' W. long.;
- (137) 40°23.30' N. lat., 124°31.60' W. long.;
- (138) 40°23.52' N. lat., 124°28.78' W. long.;
- (139) 40°22.43' N. lat., 124°25.00' W. long.;
- (140) 40°21.72' N. lat., 124°24.94' W. long.;
- (141) 40°21.87' N. lat., 124°27.96' W. long.;
- (142) 40°21.40' N. lat., 124°28.74' W. long.;
- (143) 40°19.68' N. lat., 124°28.49' W. long.;
- (144) 40°17.73' N. lat., 124°25.43' W. long.;
- (145) 40°18.37' N. lat., 124°23.35' W. long.;
- (146) 40°15.75' N. lat., 124°26.05' W. long.;
- (147) 40°16.75' N. lat., 124°33.71' W. long.;
- (148) 40°16.29' N. lat., 124°34.36' W. long.; and
- (149) 40°10.00' N. lat., 124°21.12' W. long.

4. The **250 fm depth contour** used north of 38° N. lat. as a western boundary for the trawl RCA in the months of March through October is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°14.68' N. lat., 125°42.10' W. long.;
- (2) 48°13.00' N. lat., 125°39.00' W. long.;
- (3) 48°12.73' N. lat., 125°38.87' W. long.;
- (4) 48°12.43' N. lat., 125°39.12' W. long.;
- (5) 48°11.83' N. lat., 125°40.01' W. long.;
- (6) 48°11.78' N. lat., 125°41.70' W. long.;
- (7) 48°10.62' N. lat., 125°43.41' W. long.;
- (8) 48°09.23' N. lat., 125°42.80' W. long.;
- (9) 48°08.79' N. lat., 125°43.79' W. long.;
- (10) 48°08.50' N. lat., 125°45.00' W. long.;
- (11) 48°07.43' N. lat., 125°46.36' W. long.;
- (12) 48°06.00' N. lat., 125°46.50' W. long.;
- (13) 48°05.38' N. lat., 125°42.82' W. long.;
- (14) 48°04.19' N. lat., 125°40.40' W. long.;
- (15) 48°03.50' N. lat., 125°37.00' W. long.;
- (16) 48°01.50' N. lat., 125°40.00' W. long.;
- (17) 47°57.00' N. lat., 125°37.00' W. long.;
- (18) 47°55.21' N. lat., 125°37.22' W. long.;
- (19) 47°54.02' N. lat., 125°36.57' W. long.;
- (20) 47°53.67' N. lat., 125°35.06' W. long.;
- (21) 47°54.14' N. lat., 125°32.35' W. long.;
- (22) 47°55.50' N. lat., 125°28.56' W. long.;
- (23) 47°57.03' N. lat., 125°26.52' W. long.;
- (24) 47°57.98' N. lat., 125°25.08' W. long.;
- (25) 48°00.54' N. lat., 125°24.38' W. long.;
- (26) 48°01.45' N. lat., 125°23.70' W. long.;
- (27) 48°01.97' N. lat., 125°22.34' W. long.;
- (28) 48°03.68' N. lat., 125°21.20' W. long.;
- (29) 48°01.96' N. lat., 125°19.56' W. long.;
- (30) 48°00.98' N. lat., 125°20.43' W. long.;
- (31) 48°00.00' N. lat., 125°20.68' W. long.;
- (32) 47°58.00' N. lat., 125°19.50' W. long.;
- (33) 47°57.65' N. lat., 125°19.18' W. long.;
- (34) 47°58.00' N. lat., 125°18.00' W. long.;
- (35) 47°56.59' N. lat., 125°18.15' W. long.;
- (36) 47°51.30' N. lat., 125°18.32' W. long.;
- (37) 47°49.88' N. lat., 125°14.49' W. long.;
- (38) 47°49.00' N. lat., 125°11.00' W. long.;
- (39) 47°47.99' N. lat., 125°07.31' W. long.;
- (40) 47°46.47' N. lat., 125°08.63' W. long.;
- (41) 47°46.00' N. lat., 125°06.00' W. long.;
- (42) 47°44.50' N. lat., 125°07.50' W. long.;
- (43) 47°43.39' N. lat., 125°06.57' W. long.;
- (44) 47°42.37' N. lat., 125°05.74' W. long.;
- (45) 47°40.61' N. lat., 125°06.48' W. long.;
- (46) 47°37.43' N. lat., 125°07.33' W. long.;
- (47) 47°33.68' N. lat., 125°04.80' W. long.;
- (48) 47°30.00' N. lat., 125°00.00' W. long.;

- (49) 47°28.00' N. lat., 124°58.50' W. long.;
 (50) 47°28.88' N. lat., 124°54.71' W. long.;
 (51) 47°27.70' N. lat., 124°51.87' W. long.;
 (52) 47°24.84' N. lat., 124°48.45' W. long.;
 (53) 47°21.76' N. lat., 124°47.42' W. long.;
 (54) 47°18.84' N. lat., 124°46.75' W. long.;
 (55) 47°19.82' N. lat., 124°51.43' W. long.;
 (56) 47°18.13' N. lat., 124°54.25' W. long.;
 (57) 47°13.50' N. lat., 124°54.69' W. long.;
 (58) 47°15.00' N. lat., 125°00.00' W. long.;
 (59) 47°08.00' N. lat., 124°59.83' W. long.;
 (60) 47°05.79' N. lat., 125°01.00' W. long.;
 (61) 47°03.34' N. lat., 124°57.49' W. long.;
 (62) 47°01.00' N. lat., 125°00.00' W. long.;
 (63) 46°55.00' N. lat., 125°02.00' W. long.;
 (64) 46°51.00' N. lat., 124°57.00' W. long.;
 (65) 46°47.00' N. lat., 124°55.00' W. long.;
 (66) 46°34.00' N. lat., 124°38.00' W. long.;
 (67) 46°30.50' N. lat., 124°41.00' W. long.;
 (68) 46°33.00' N. lat., 124°32.00' W. long.;
 (69) 46°29.00' N. lat., 124°32.00' W. long.;
 (70) 46°20.00' N. lat., 124°39.00' W. long.;
 (71) 46°18.16' N. lat., 124°40.00' W. long.;
 (72) 46°15.83' N. lat., 124°27.01' W. long.;
 (73) 46°15.00' N. lat., 124°30.96' W. long.;
 (74) 46°13.17' N. lat., 124°37.87' W. long.;
 (75) 46°13.17' N. lat., 124°38.75' W. long.;
 (76) 46°10.50' N. lat., 124°42.00' W. long.;
 (77) 46°06.21' N. lat., 124°41.85' W. long.;
 (78) 46°03.02' N. lat., 124°50.27' W. long.;
 (79) 45°57.00' N. lat., 124°45.52' W. long.;
 (80) 45°46.85' N. lat., 124°45.91' W. long.;
 (81) 45°45.81' N. lat., 124°47.05' W. long.;
 (82) 45°44.87' N. lat., 124°45.98' W. long.;
 (83) 45°43.44' N. lat., 124°46.03' W. long.;
 (84) 45°35.82' N. lat., 124°45.72' W. long.;
 (85) 45°35.70' N. lat., 124°42.89' W. long.;
 (86) 45°24.45' N. lat., 124°38.21' W. long.;
 (87) 45°11.68' N. lat., 124°39.38' W. long.;
 (88) 44°57.94' N. lat., 124°37.02' W. long.;
 (89) 44°44.28' N. lat., 124°50.79' W. long.;
 (90) 44°32.63' N. lat., 124°54.21' W. long.;
 (91) 44°23.20' N. lat., 124°49.87' W. long.;
 (92) 44°13.17' N. lat., 124°58.81' W. long.;
 (93) 43°57.92' N. lat., 124°58.29' W. long.;
 (94) 43°50.12' N. lat., 124°53.36' W. long.;
 (95) 43°49.53' N. lat., 124°43.96' W. long.;
 (96) 43°42.76' N. lat., 124°41.40' W. long.;
 (97) 43°24.00' N. lat., 124°42.61' W. long.;
 (98) 43°19.74' N. lat., 124°45.12' W. long.;
 (99) 43°19.62' N. lat., 124°52.95' W. long.;
 (100) 43°17.41' N. lat., 124°53.02' W. long.;
 (101) 42°49.15' N. lat., 124°54.93' W. long.;
 (102) 42°46.74' N. lat., 124°53.39' W. long.;
 (103) 42°43.76' N. lat., 124°51.64' W. long.;
 (104) 42°45.41' N. lat., 124°49.35' W. long.;
 (105) 42°43.92' N. lat., 124°45.92' W. long.;
 (106) 42°38.87' N. lat., 124°43.38' W. long.;
 (107) 42°34.78' N. lat., 124°46.56' W. long.;
 (108) 42°31.47' N. lat., 124°46.89' W. long.;
 (109) 42°31.00' N. lat., 124°44.28' W. long.;
 (110) 42°29.22' N. lat., 124°46.93' W. long.;
 (111) 42°28.39' N. lat., 124°49.94' W. long.;
 (112) 42°26.28' N. lat., 124°47.60' W. long.;
 (113) 42°19.58' N. lat., 124°43.21' W. long.;
 (114) 42°13.75' N. lat., 124°40.06' W. long.;
 (115) 42°05.12' N. lat., 124°39.06' W. long.;
 (116) 41°59.99' N. lat., 124°37.72' W. long.;
 (117) 42°00.00' N. lat., 124°37.76' W. long.;
 (118) 41°47.93' N. lat., 124°31.79' W. long.;
 (119) 41°21.35' N. lat., 124°30.35' W. long.;
 (120) 41°07.11' N. lat., 124°25.25' W. long.;
 (121) 40°57.37' N. lat., 124°30.25' W. long.;
 (122) 40°48.77' N. lat., 124°30.69' W. long.;
 (123) 40°41.03' N. lat., 124°33.21' W. long.;
 (124) 40°37.40' N. lat., 124°38.96' W. long.;
 (125) 40°33.70' N. lat., 124°42.50' W. long.;
 (126) 40°31.31' N. lat., 124°41.59' W. long.;
 (127) 40°25.00' N. lat., 124°36.65' W. long.;
 (128) 40°22.42' N. lat., 124°32.19' W. long.;
 (129) 40°17.17' N. lat., 124°32.21' W. long.;
 (130) 40°18.68' N. lat., 124°50.44' W. long.;
 (131) 40°13.55' N. lat., 124°34.26' W. long.;
 (132) 40°10.11' N. lat., 124°28.25' W. long.;
 (133) 40°06.72' N. lat., 124°21.40' W. long.;
 (134) 40°01.63' N. lat., 124°17.25' W. long.;
 (135) 40°00.68' N. lat., 124°11.19' W. long.;
 (136) 39°59.09' N. lat., 124°14.92' W. long.;
 (137) 39°51.85' N. lat., 124°10.33' W. long.;
 (138) 39°36.90' N. lat., 124°00.63' W. long.;
 (139) 39°32.41' N. lat., 124°00.01' W. long.;
 (140) 39°05.40' N. lat., 124°00.52' W. long.;
 (141) 39°04.32' N. lat., 123°59.00' W. long.;
 (142) 38°58.02' N. lat., 123°58.18' W. long.;

- (143) 38°58.19' N. lat., 124°01.90' W. long.;
- (144) 38°50.27' N. lat., 123°56.26' W. long.;
- (145) 38°46.73' N. lat., 123°51.93' W. long.;
- (146) 38°44.64' N. lat., 123°51.77' W. long.;
- (147) 38°32.97' N. lat., 123°41.84' W. long.;
- (148) 38°14.56' N. lat., 123°32.18' W. long.;
- (149) 38°13.85' N. lat., 123°29.94' W. long.;

5. The **Winter Petrale Boundary** used north of 38° N. lat. as a western boundary for the trawl RCA, modified to allow fishing for petrale in the winter months of January, February, November, and December, is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°14.71' N. lat., 125°41.95' W. long.;
- (2) 48°13.00' N. lat., 125°39.00' W. long.;
- (3) 48°08.50' N. lat., 125°45.00' W. long.;
- (4) 48°06.00' N. lat., 125°46.50' W. long.;
- (5) 48°03.50' N. lat., 125°37.00' W. long.;
- (6) 48°01.50' N. lat., 125°40.00' W. long.;
- (7) 47°57.00' N. lat., 125°37.00' W. long.;
- (8) 47°55.50' N. lat., 125°28.50' W. long.;
- (9) 47°58.00' N. lat., 125°25.00' W. long.;
- (10) 48°00.50' N. lat., 125°24.50' W. long.;
- (11) 48°03.50' N. lat., 125°21.00' W. long.;
- (12) 48°02.00' N. lat., 125°19.50' W. long.;
- (13) 48°00.00' N. lat., 125°21.00' W. long.;
- (14) 47°58.00' N. lat., 125°20.00' W. long.;
- (15) 47°58.00' N. lat., 125°18.00' W. long.;
- (16) 47°52.00' N. lat., 125°16.50' W. long.;
- (17) 47°49.00' N. lat., 125°11.00' W. long.;
- (18) 47°46.00' N. lat., 125°06.00' W. long.;
- (19) 47°44.50' N. lat., 125°07.50' W. long.;
- (20) 47°42.00' N. lat., 125°06.00' W. long.;
- (21) 47°38.00' N. lat., 125°07.00' W. long.;
- (22) 47°30.00' N. lat., 125°00.00' W. long.;
- (23) 47°28.00' N. lat., 124°58.50' W. long.;
- (24) 47°28.88' N. lat., 124°54.71' W. long.;
- (25) 47°27.70' N. lat., 124°51.87' W. long.;
- (26) 47°24.84' N. lat., 124°48.45' W. long.;
- (27) 47°21.76' N. lat., 124°47.42' W. long.;
- (28) 47°18.84' N. lat., 124°46.75' W. long.;
- (29) 47°19.82' N. lat., 124°51.43' W. long.;
- (30) 47°18.13' N. lat., 124°54.25' W. long.;
- (31) 47°13.50' N. lat., 124°54.69' W. long.;
- (32) 47°15.00' N. lat., 125°00.00' W. long.;
- (33) 47°08.00' N. lat., 124°59.82' W. long.;
- (34) 47°05.79' N. lat., 125°01.00' W. long.;
- (35) 47°03.34' N. lat., 124°57.49' W. long.;
- (36) 47°01.00' N. lat., 125°00.00' W. long.;

- (150) 38°11.88' N. lat., 123°30.57' W. long.;
- (151) 38°08.72' N. lat., 123°29.56' W. long.;
- (152) 38°05.62' N. lat., 123°32.38' W. long.;
- (153) 38°01.90' N. lat., 123°32.00' W. long.; and
- (154) 38°00.00' N. lat., 123°30.00' W. long.

- (37) 46°55.00' N. lat., 125°02.00' W. long.;
- (38) 46°51.00' N. lat., 124°57.00' W. long.;
- (39) 46°47.00' N. lat., 124°55.00' W. long.;
- (40) 46°34.00' N. lat., 124°38.00' W. long.;
- (41) 46°30.50' N. lat., 124°41.00' W. long.;
- (42) 46°33.00' N. lat., 124°32.00' W. long.;
- (43) 46°29.00' N. lat., 124°32.00' W. long.;
- (44) 46°20.00' N. lat., 124°39.00' W. long.;
- (45) 46°18.16' N. lat., 124°40.00' W. long.;
- (46) 46°15.83' N. lat., 124°27.01' W. long.;
- (47) 46°15.00' N. lat., 124°30.96' W. long.;
- (48) 46°13.17' N. lat., 124°38.76' W. long.;
- (49) 46°10.51' N. lat., 124°41.99' W. long.;
- (50) 46°06.24' N. lat., 124°41.81' W. long.;
- (51) 46°03.04' N. lat., 124°50.26' W. long.;
- (52) 45°56.99' N. lat., 124°45.45' W. long.;
- (53) 45°49.94' N. lat., 124°45.75' W. long.;
- (54) 45°49.94' N. lat., 124°42.33' W. long.;
- (55) 45°45.73' N. lat., 124°42.18' W. long.;
- (56) 45°45.73' N. lat., 124°43.82' W. long.;
- (57) 45°41.94' N. lat., 124°43.61' W. long.;
- (58) 45°41.58' N. lat., 124°39.86' W. long.;
- (59) 45°38.45' N. lat., 124°39.94' W. long.;
- (60) 45°35.75' N. lat., 124°42.91' W. long.;
- (61) 45°24.49' N. lat., 124°38.20' W. long.;
- (62) 45°14.43' N. lat., 124°39.05' W. long.;
- (63) 45°14.30' N. lat., 124°34.19' W. long.;
- (64) 45°08.98' N. lat., 124°34.26' W. long.;
- (65) 45°09.02' N. lat., 124°38.81' W. long.;
- (66) 44°57.98' N. lat., 124°36.98' W. long.;
- (67) 44°56.62' N. lat., 124°38.32' W. long.;
- (68) 44°50.82' N. lat., 124°35.52' W. long.;
- (69) 44°46.89' N. lat., 124°38.32' W. long.;
- (70) 44°50.78' N. lat., 124°44.24' W. long.;
- (71) 44°44.27' N. lat., 124°50.78' W. long.;
- (72) 44°32.63' N. lat., 124°54.24' W. long.;

- (73) 44°23.25' N. lat., 124°49.78' W. long.;
 (74) 44°13.16' N. lat., 124°58.81' W. long.;
 (75) 43°57.88' N. lat., 124°58.25' W. long.;
 (76) 43°56.89' N. lat., 124°57.33' W. long.;
 (77) 43°53.41' N. lat., 124°51.95' W. long.;
 (78) 43°51.56' N. lat., 124°47.38' W. long.;
 (79) 43°51.49' N. lat., 124°37.77' W. long.;
 (80) 43°48.02' N. lat., 124°43.31' W. long.;
 (81) 43°42.77' N. lat., 124°41.39' W. long.;
 (82) 43°24.09' N. lat., 124°42.57' W. long.;
 (83) 43°19.73' N. lat., 124°45.09' W. long.;
 (84) 43°15.98' N. lat., 124°47.76' W. long.;
 (85) 43°04.14' N. lat., 124°52.55' W. long.;
 (86) 43°04.00' N. lat., 124°53.88' W. long.;
 (87) 42°54.69' N. lat., 124°54.54' W. long.;
 (88) 42°45.46' N. lat., 124°49.37' W. long.;
 (89) 42°43.91' N. lat., 124°45.90' W. long.;
 (90) 42°38.84' N. lat., 124°43.36' W. long.;
 (91) 42°34.82' N. lat., 124°46.56' W. long.;
 (92) 42°31.57' N. lat., 124°46.86' W. long.;
 (93) 42°30.98' N. lat., 124°44.27' W. long.;
 (94) 42°29.21' N. lat., 124°46.93' W. long.;
 (95) 42°28.52' N. lat., 124°49.40' W. long.;
 (96) 42°26.06' N. lat., 124°46.61' W. long.;
 (97) 42°21.82' N. lat., 124°43.76' W. long.;
 (98) 42°17.47' N. lat., 124°38.89' W. long.;
 (99) 42°13.67' N. lat., 124°37.51' W. long.;
 (100) 42°13.76' N. lat., 124°40.03' W. long.;
 (101) 42°05.12' N. lat., 124°39.06' W. long.;
 (102) 42°02.67' N. lat., 124°38.41' W. long.;
 (103) 42°02.67' N. lat., 124°35.95' W. long.;
 (104) 42°00.00' N. lat., 124°35.88' W. long.;
 (105) 41°59.99' N. lat., 124°35.92' W. long.;
 (106) 41°56.38' N. lat., 124°34.96' W. long.;
 (107) 41°53.98' N. lat., 124°32.50' W. long.;
 (108) 41°50.69' N. lat., 124°30.46' W. long.;
 (109) 41°47.79' N. lat., 124°29.52' W. long.;
 (110) 41°21.00' N. lat., 124°29.00' W. long.;
 (111) 41°11.00' N. lat., 124°23.00' W. long.;
 (112) 41°05.00' N. lat., 124°23.00' W. long.;
 (113) 40°54.00' N. lat., 124°26.00' W. long.;
 (114) 40°50.00' N. lat., 124°26.00' W. long.;
 (115) 40°44.51' N. lat., 124°30.83' W. long.;
 (116) 40°40.61' N. lat., 124°32.06' W. long.;
 (117) 40°37.36' N. lat., 124°29.41' W. long.;
 (118) 40°35.64' N. lat., 124°30.47' W. long.;
 (119) 40°37.43' N. lat., 124°37.10' W. long.;
 (120) 40°36.00' N. lat., 124°40.00' W. long.;
 (121) 40°31.59' N. lat., 124°40.72' W. long.;
 (122) 40°24.64' N. lat., 124°35.62' W. long.;
 (123) 40°23.00' N. lat., 124°32.00' W. long.;
 (124) 40°23.39' N. lat., 124°28.70' W. long.;
 (125) 40°22.28' N. lat., 124°25.25' W. long.;
 (126) 40°21.90' N. lat., 124°25.17' W. long.;
 (127) 40°22.00' N. lat., 124°28.00' W. long.;
 (128) 40°21.35' N. lat., 124°29.53' W. long.;
 (129) 40°19.75' N. lat., 124°28.98' W. long.;
 (130) 40°18.15' N. lat., 124°27.01' W. long.;
 (131) 40°17.45' N. lat., 124°25.49' W. long.;
 (132) 40°18.00' N. lat., 124°24.00' W. long.;
 (133) 40°16.00' N. lat., 124°26.00' W. long.;
 (134) 40°17.00' N. lat., 124°35.00' W. long.;
 (135) 40°16.00' N. lat., 124°36.00' W. long.;
 (136) 40°10.00' N. lat., 124°22.75' W. long.;
 (137) 40°03.00' N. lat., 124°14.75' W. long.;
 (138) 39°49.25' N. lat., 124°06.00' W. long.;
 (138) 39°34.75' N. lat., 123°58.50' W. long.;
 (140) 39°03.07' N. lat., 123°57.81' W. long.;
 (141) 38°52.25' N. lat., 123°56.25' W. long.;
 (142) 38°41.42' N. lat., 123°46.75' W. long.;
 (143) 38°39.47' N. lat., 123°46.59' W. long.;
 (144) 38°35.25' N. lat., 123°42.00' W. long.;
 (145) 38°19.97' N. lat., 123°32.95' W. long.;
 (146) 38°15.00' N. lat., 123°26.50' W. long.;
 (147) 38°08.09' N. lat., 123°23.39' W. long.;
 (148) 38°10.08' N. lat., 123°26.82' W. long.;
 (149) 38°04.08' N. lat., 123°32.12' W. long.; and
 (150) 38°00.00' N. lat., 123°29.85' W. long.

6. The **50 fm depth contour** used between 40°10' N. lat. and 34°27' N. lat. as an eastern boundary for the trawl RCA in the months of January and February is defined by straight lines connecting all of the following points in the order stated:

- (1) 40°10.01' N. lat., 124°19.97' W. long.;
 (2) 40°09.20' N. lat., 124°15.81' W. long.;
 (3) 40°07.51' N. lat., 124°15.29' W. long.;
 (4) 40°05.22' N. lat., 124°10.06' W. long.;
 (5) 40°06.51' N. lat., 124°08.01' W. long.;
 (6) 40°00.72' N. lat., 124°08.45' W. long.;

- (7) 39°56.60' N. lat., 124°07.12' W. long.;
- (8) 39°52.58' N. lat., 124°03.57' W. long.;
- (9) 39°50.65' N. lat., 123°57.98' W. long.;
- (10) 39°40.16' N. lat., 123°52.41' W. long.;
- (11) 39°30.12' N. lat., 123°52.92' W. long.;
- (12) 39°24.53' N. lat., 123°55.16' W. long.;
- (13) 39°11.58' N. lat., 123°50.93' W. long.;
- (14) 38°55.13' N. lat., 123°51.14' W. long.;
- (15) 38°28.58' N. lat., 123°22.84' W. long.;
- (16) 38°14.58' N. lat., 123°09.93' W. long.;
- (17) 38°01.86' N. lat., 123°09.76' W. long.;
- (18) 37°53.66' N. lat., 123°12.06' W. long.;
- (19) 37°48.01' N. lat., 123°15.84' W. long.;
- (20) 37°36.77' N. lat., 122°58.48' W. long.;
- (21) 37°01.02' N. lat., 122°33.71' W. long.;

7. The **60 fm depth contour** used between 40°10' N. lat. and 34°27' N. lat. as an eastern boundary for the trawl RCA in March through December is defined by straight lines connecting all of the following points in the order stated:

- (1) 40°10.01' N. lat., 124°19.97' W. long.;
- (2) 40°09.20' N. lat., 124°15.81' W. long.;
- (3) 40°07.51' N. lat., 124°15.29' W. long.;
- (4) 40°05.22' N. lat., 124°10.06' W. long.;
- (5) 40°06.51' N. lat., 124°08.01' W. long.;
- (6) 40°00.72' N. lat., 124°08.45' W. long.;
- (7) 39°56.60' N. lat., 124°07.12' W. long.;
- (8) 39°52.58' N. lat., 124°03.57' W. long.;
- (9) 39°50.65' N. lat., 123°57.98' W. long.;
- (10) 39°40.16' N. lat., 123°52.41' W. long.;
- (11) 39°30.12' N. lat., 123°52.92' W. long.;
- (12) 39°24.53' N. lat., 123°55.16' W. long.;
- (13) 39°11.58' N. lat., 123°50.93' W. long.;
- (14) 38°55.13' N. lat., 123°51.14' W. long.;
- (15) 38°28.58' N. lat., 123°22.84' W. long.;
- (16) 38°08.57' N. lat., 123°14.74' W. long.;
- (17) 38°00.28' N. lat., 123°15.61' W. long.;

- (22) 37°02.28' N. lat., 122°25.06' W. long.;
- (23) 36°48.20' N. lat., 122°03.28' W. long.;
- (24) 36°51.46' N. lat., 121°57.54' W. long.;
- (25) 36°44.14' N. lat., 121°58.10' W. long.;
- (26) 36°36.76' N. lat., 122°01.16' W. long.;
- (27) 36°15.62' N. lat., 121°57.13' W. long.;
- (28) 36°10.60' N. lat., 121°43.65' W. long.;
- (29) 35°40.38' N. lat., 121°22.59' W. long.;
- (30) 35°24.35' N. lat., 121°02.53' W. long.;
- (31) 35°02.66' N. lat., 120°51.63' W. long.;
- (32) 34°39.52' N. lat., 120°48.72' W. long.;
- (33) 34°31.26' N. lat., 120°44.12' W. long.; and
- (34) 34°27.00' N. lat., 120°36.00' W. long.

- (18) 37°56.98' N. lat., 123°21.82' W. long.;
- (19) 37°48.01' N. lat., 123°15.90' W. long.;
- (20) 37°36.73' N. lat., 122°58.48' W. long.;
- (21) 36°48.20' N. lat., 122°03.32' W. long.;
- (22) 37°02.08' N. lat., 122°25.49' W. long.;
- (23) 37°07.58' N. lat., 122°37.64' W. long.;
- (24) 36°51.46' N. lat., 121°57.54' W. long.;
- (25) 36°44.14' N. lat., 121°58.10' W. long.;
- (26) 36°36.76' N. lat., 122°01.16' W. long.;
- (27) 36°15.62' N. lat., 121°57.13' W. long.;
- (28) 36°10.60' N. lat., 121°43.65' W. long.;
- (29) 35°40.38' N. lat., 121°22.59' W. long.;
- (30) 35°24.35' N. lat., 121°02.53' W. long.;
- (31) 35°02.66' N. lat., 120°51.63' W. long.;
- (32) 34°39.52' N. lat., 120°48.72' W. long.;
- (33) 34°31.26' N. lat., 120°44.12' W. long.; and
- (34) 34°27.00' N. lat., 120°36.00' W. long.

8. The **100 fm depth contour** used between 34°27' N. lat. and the U.S. border with Mexico as an eastern boundary for the trawl RCA is defined by straight lines connecting all of the following points in the order stated:

- (1) 34°27.00' N. lat., 120°39.00' W. long.;
- (2) 34°21.90' N. lat., 120°25.25' W. long.;
- (3) 34°24.86' N. lat., 120°16.81' W. long.;
- (4) 34°22.80' N. lat., 119°57.06' W. long.;
- (5) 34°18.59' N. lat., 119°44.84' W. long.;

- (6) 34°15.04' N. lat., 119°40.34' W. long.;
- (7) 34°14.40' N. lat., 119°45.39' W. long.;
- (8) 34°12.32' N. lat., 119°42.41' W. long.;
- (9) 34°09.71' N. lat., 119°28.85' W. long.;
- (10) 34°04.70' N. lat., 119°15.38' W. long.;

- (11) 34°03.33' N. lat., 119°12.93' W. long.;
- (12) 34°02.72' N. lat., 119°07.01' W. long.;
- (13) 34°03.90' N. lat., 119°04.64' W. long.;
- (14) 34°01.80' N. lat., 119°03.23' W. long.;
- (15) 33°59.32' N. lat., 119°03.50' W. long.;
- (16) 33°59.00' N. lat., 118°59.55' W. long.;
- (17) 33°59.51' N. lat., 118°57.25' W. long.;
- (18) 33°58.82' N. lat., 118°52.47' W. long.;
- (19) 33°58.54' N. lat., 118°41.86' W. long.;
- (20) 33°55.07' N. lat., 118°34.25' W. long.;
- (21) 33°54.28' N. lat., 118°38.68' W. long.;
- (22) 33°51.00' N. lat., 118°36.66' W. long.;
- (23) 33°39.77' N. lat., 118°18.41' W. long.;
- (24) 33°35.50' N. lat., 118°16.85' W. long.;
- (25) 33°32.68' N. lat., 118°09.82' W. long.;
- (26) 33°34.09' N. lat., 117°54.06' W. long.;
- (27) 33°31.60' N. lat., 117°49.28' W. long.;
- (28) 33°16.07' N. lat., 117°34.74' W. long.;
- (29) 33°07.06' N. lat., 117°22.71' W. long.;
- (30) 32°53.34' N. lat., 117°19.13' W. long.;
- (31) 32°46.39' N. lat., 117°23.45' W. long.;
- (32) 32°42.79' N. lat., 117°21.16' W. long.; and
- (33) 32°34.22' N. lat., 117°21.20' W. long.

9. The **150 fm depth contour** used between 40°10' N. lat. and the U.S. border with Mexico as a western boundary for the trawl RCA and used between 38° N. lat. and the U.S. border with Mexico as a western boundary for the non-trawl RCA is defined by straight lines connecting all of the following points in the order stated:

- (1) 40°10.01' N. lat., 124°22.90' W. long.;
- (2) 40°07.00' N. lat., 124°19.00' W. long.;
- (3) 40°08.10' N. lat., 124°16.70' W. long.;
- (4) 40°05.90' N. lat., 124°17.77' W. long.;
- (5) 40°01.46' N. lat., 124°12.85' W. long.;
- (6) 40°04.32' N. lat., 124°10.33' W. long.;
- (7) 40°03.21' N. lat., 124°08.83' W. long.;
- (8) 40°01.33' N. lat., 124°08.70' W. long.;
- (9) 39°58.51' N. lat., 124°12.44' W. long.;
- (10) 39°55.73' N. lat., 124°07.49' W. long.;
- (11) 39°34.75' N. lat., 123°58.50' W. long.;
- (12) 39°03.07' N. lat., 123°57.81' W. long.;
- (13) 38°52.25' N. lat., 123°56.25' W. long.;
- (14) 38°41.42' N. lat., 123°46.75' W. long.;
- (15) 38°39.47' N. lat., 123°46.59' W. long.;
- (16) 38°35.25' N. lat., 123°42.00' W. long.;
- (17) 38°19.97' N. lat., 123°32.95' W. long.;
- (18) 38°14.43' N. lat., 123°25.56' W. long.;
- (19) 38°09.41' N. lat., 123°24.43' W. long.;
- (20) 38°10.10' N. lat., 123°27.20' W. long.;
- (21) 38°03.82' N. lat., 123°31.91' W. long.;
- (22) 38°00.91' N. lat., 123°30.32' W. long.;
- (23) 38°00.00' N. lat., 123°28.78' W. long.;
- (24) 37°59.73' N. lat., 123°29.85' W. long.;
- (25) 37°51.46' N. lat., 123°25.16' W. long.;
- (26) 37°44.06' N. lat., 123°11.44' W. long.;
- (27) 37°35.26' N. lat., 123°02.29' W. long.;
- (28) 37°14.00' N. lat., 122°50.00' W. long.;
- (29) 37°01.00' N. lat., 122°36.00' W. long.;
- (30) 36°58.07' N. lat., 122°28.35' W. long.;
- (31) 37°00.71' N. lat., 122°24.53' W. long.;
- (32) 36°57.50' N. lat., 122°24.98' W. long.;
- (33) 36°58.38' N. lat., 122°21.85' W. long.;
- (34) 36°55.85' N. lat., 122°21.95' W. long.;
- (35) 36°52.86' N. lat., 122°12.89' W. long.;
- (36) 36°48.71' N. lat., 122°09.28' W. long.;
- (37) 36°46.65' N. lat., 122°04.10' W. long.;
- (38) 36°51.00' N. lat., 121°58.00' W. long.;
- (39) 36°44.00' N. lat., 121°59.00' W. long.;
- (40) 36°38.00' N. lat., 122°02.00' W. long.;
- (41) 36°26.00' N. lat., 121°59.50' W. long.;
- (42) 36°22.00' N. lat., 122°01.00' W. long.;
- (43) 36°19.00' N. lat., 122°05.00' W. long.;
- (44) 36°14.00' N. lat., 121°58.00' W. long.;
- (45) 36°10.61' N. lat., 121°44.51' W. long.;
- (46) 35°50.53' N. lat., 121°29.93' W. long.;
- (47) 35°46.00' N. lat., 121°28.00' W. long.;
- (48) 35°38.94' N. lat., 121°23.16' W. long.;
- (49) 35°26.00' N. lat., 121°08.00' W. long.;
- (50) 35°07.42' N. lat., 120°57.08' W. long.;
- (51) 34°42.00' N. lat., 120°54.00' W. long.;
- (52) 34°29.00' N. lat., 120°44.00' W. long.;
- (53) 34°22.00' N. lat., 120°32.00' W. long.;
- (54) 34°21.00' N. lat., 120°21.00' W. long.;
- (55) 34°24.00' N. lat., 120°15.00' W. long.;
- (56) 34°22.11' N. lat., 119°56.63' W. long.;
- (57) 34°19.00' N. lat., 119°48.00' W. long.;
- (58) 34°15.00' N. lat., 119°48.00' W. long.;
- (59) 34°08.00' N. lat., 119°37.00' W. long.;
- (60) 34°07.00' N. lat., 120°11.00' W. long.;

- (61) $34^{\circ}13.00'$ N. lat., $120^{\circ}30.00'$ W. long.;
- (62) $34^{\circ}09.00'$ N. lat., $120^{\circ}38.00'$ W. long.;
- (63) $33^{\circ}58.00'$ N. lat., $120^{\circ}29.00'$ W. long.;
- (64) $33^{\circ}51.00'$ N. lat., $120^{\circ}09.00'$ W. long.;
- (65) $33^{\circ}38.00'$ N. lat., $119^{\circ}58.00'$ W. long.;
- (66) $33^{\circ}38.00'$ N. lat., $119^{\circ}50.00'$ W. long.;
- (67) $33^{\circ}46.25'$ N. lat., $119^{\circ}49.32'$ W. long.;
- (68) $33^{\circ}53.82'$ N. lat., $119^{\circ}53.42'$ W. long.;
- (69) $33^{\circ}59.00'$ N. lat., $119^{\circ}21.00'$ W. long.;
- (70) $34^{\circ}02.00'$ N. lat., $119^{\circ}13.00'$ W. long.;
- (71) $34^{\circ}01.52'$ N. lat., $119^{\circ}04.50'$ W. long.;
- (72) $33^{\circ}58.83'$ N. lat., $119^{\circ}03.76'$ W. long.;
- (73) $33^{\circ}56.55'$ N. lat., $118^{\circ}40.50'$ W. long.;
- (74) $33^{\circ}51.00'$ N. lat., $118^{\circ}38.00'$ W. long.;
- (75) $33^{\circ}39.63'$ N. lat., $118^{\circ}18.75'$ W. long.;
- (76) $33^{\circ}35.44'$ N. lat., $118^{\circ}17.57'$ W. long.;
- (77) $33^{\circ}31.98'$ N. lat., $118^{\circ}12.59'$ W. long.;
- (78) $33^{\circ}33.25'$ N. lat., $117^{\circ}54.15'$ W. long.;
- (79) $33^{\circ}31.43'$ N. lat., $117^{\circ}49.84'$ W. long.;
- (80) $33^{\circ}16.53'$ N. lat., $117^{\circ}36.13'$ W. long.;
- (81) $33^{\circ}06.51'$ N. lat., $117^{\circ}24.11'$ W. long.;
- (82) $32^{\circ}54.11'$ N. lat., $117^{\circ}21.45'$ W. long.;
- (83) $32^{\circ}46.15'$ N. lat., $117^{\circ}24.26'$ W. long.;
- (84) $32^{\circ}41.97'$ N. lat., $117^{\circ}22.10'$ W. long.;
- (85) $32^{\circ}39.00'$ N. lat., $117^{\circ}28.13'$ W. long.; and
- (86) $32^{\circ}34.84'$ N. lat., $117^{\circ}24.62'$ W. long.

10. The **150 fm depth contour** used around islands/seamounts off the state of California is defined by straight lines around each island/seamount connecting all of the following points in the order stated:

(A) San Nicholas Island

- (1) $33^{\circ}32.73'$ N. lat., $119^{\circ}47.00'$ W. long.;
- (2) $33^{\circ}14.00'$ N. lat., $119^{\circ}15.00'$ W. long.;
- (3) $33^{\circ}12.00'$ N. lat., $119^{\circ}18.00'$ W. long.;
- (4) $33^{\circ}11.00'$ N. lat., $119^{\circ}26.00'$ W. long.;
- (5) $33^{\circ}13.13'$ N. lat., $119^{\circ}43.19'$ W. long.;
- (6) $33^{\circ}13.11'$ N. lat., $119^{\circ}53.05'$ W. long.;
- (7) $33^{\circ}30.00'$ N. lat., $119^{\circ}52.00'$ W. long.; and
- (8) $33^{\circ}32.73'$ N. lat., $119^{\circ}47.00'$ W. long.

(B) Santa Catalina Island

- (1) $33^{\circ}19.00'$ N. lat., $118^{\circ}15.00'$ W. long.;
- (2) $33^{\circ}26.00'$ N. lat., $118^{\circ}22.00'$ W. long.;
- (3) $33^{\circ}28.00'$ N. lat., $118^{\circ}28.00'$ W. long.;
- (4) $33^{\circ}30.00'$ N. lat., $118^{\circ}31.00'$ W. long.;
- (5) $33^{\circ}31.00'$ N. lat., $118^{\circ}37.00'$ W. long.;
- (6) $33^{\circ}29.00'$ N. lat., $118^{\circ}41.00'$ W. long.;
- (7) $33^{\circ}23.00'$ N. lat., $118^{\circ}31.00'$ W. long.;
- (8) $33^{\circ}21.00'$ N. lat., $118^{\circ}33.00'$ W. long.;
- (9) $33^{\circ}18.00'$ N. lat., $118^{\circ}28.00'$ W. long.;
- (10) $33^{\circ}16.00'$ N. lat., $118^{\circ}13.00'$ W. long.; and
- (11) $33^{\circ}19.00'$ N. lat., $118^{\circ}15.00'$ W. long.

(C) San Clemente Island

- (1) $32^{\circ}48.50'$ N. lat., $118^{\circ}18.34'$ W. long.;
- (2) $32^{\circ}56.00'$ N. lat., $118^{\circ}29.00'$ W. long.;
- (3) $33^{\circ}03.00'$ N. lat., $118^{\circ}34.00'$ W. long.;
- (4) $33^{\circ}05.00'$ N. lat., $118^{\circ}38.00'$ W. long.;
- (5) $33^{\circ}03.00'$ N. lat., $118^{\circ}40.00'$ W. long.;
- (6) $32^{\circ}48.00'$ N. lat., $118^{\circ}31.00'$ W. long.;

- (75) $33^{\circ}39.63'$ N. lat., $118^{\circ}18.75'$ W. long.;
- (76) $33^{\circ}35.44'$ N. lat., $118^{\circ}17.57'$ W. long.;
- (77) $33^{\circ}31.98'$ N. lat., $118^{\circ}12.59'$ W. long.;
- (78) $33^{\circ}33.25'$ N. lat., $117^{\circ}54.15'$ W. long.;
- (79) $33^{\circ}31.43'$ N. lat., $117^{\circ}49.84'$ W. long.;
- (80) $33^{\circ}16.53'$ N. lat., $117^{\circ}36.13'$ W. long.;
- (81) $33^{\circ}06.51'$ N. lat., $117^{\circ}24.11'$ W. long.;
- (82) $32^{\circ}54.11'$ N. lat., $117^{\circ}21.45'$ W. long.;
- (83) $32^{\circ}46.15'$ N. lat., $117^{\circ}24.26'$ W. long.;
- (84) $32^{\circ}41.97'$ N. lat., $117^{\circ}22.10'$ W. long.;
- (85) $32^{\circ}39.00'$ N. lat., $117^{\circ}28.13'$ W. long.; and
- (86) $32^{\circ}34.84'$ N. lat., $117^{\circ}24.62'$ W. long.

(D) Santa Barbara Island

- (1) $33^{\circ}36.06'$ N. lat., $118^{\circ}57.15'$ W. long.;
- (2) $33^{\circ}20.64'$ N. lat., $118^{\circ}59.39'$ W. long.;
- (3) $33^{\circ}23.00'$ N. lat., $119^{\circ}07.00'$ W. long.;
- (4) $33^{\circ}43.00'$ N. lat., $119^{\circ}14.00'$ W. long.;
- (5) $33^{\circ}46.00'$ N. lat., $119^{\circ}12.00'$ W. long.; and
- (6) $33^{\circ}36.06'$ N. lat., $118^{\circ}57.15'$ W. long.

(E) Orange County Seamount

- (1) $33^{\circ}25.00'$ N. lat., $118^{\circ}01.00'$ W. long.;
- (2) $33^{\circ}25.00'$ N. lat., $117^{\circ}58.00'$ W. long.;
- (3) $33^{\circ}23.00'$ N. lat., $117^{\circ}58.00'$ W. long.;
- (4) $33^{\circ}23.00'$ N. lat., $118^{\circ}01.00'$ W. long.; and
- (5) $33^{\circ}25.00'$ N. lat., $118^{\circ}01.00'$ W. long.

11. The **50 fm depth contour** off Oregon state which may be used for inseason management in 2003 is defined by straight lines connecting all of the following points in the order stated:

- (1) 46°16.00' N. lat., 124°17.33' W. long.;
- (2) 45°50.88' N. lat., 124°09.68' W. long.;
- (3) 45°12.99' N. lat., 124°06.71' W. long.;
- (4) 44°52.48' N. lat., 124°11.22' W. long.;
- (5) 44°42.41' N. lat., 124°19.70' W. long.;
- (6) 44°38.80' N. lat., 124°26.58' W. long.;
- (7) 44°24.99' N. lat., 124°31.22' W. long.;
- (8) 44°18.11' N. lat., 124°43.74' W. long.;
- (9) 44°15.23' N. lat., 124°40.47' W. long.;
- (10) 44°18.80' N. lat., 124°35.48' W. long.;
- (11) 44°19.62' N. lat., 124°27.18' W. long.;
- (12) 43°56.65' N. lat., 124°16.86' W. long.;
- (13) 43°34.95' N. lat., 124°17.47' W. long.;
- (14) 43°12.60' N. lat., 124°35.80' W. long.;

- (15) 43°08.96' N. lat., 124°33.77' W. long.;
- (16) 42°59.66' N. lat., 124°34.79' W. long.;
- (17) 42°54.29' N. lat., 124°39.46' W. long.;
- (18) 42°46.50' N. lat., 124°39.99' W. long.;
- (19) 42°41.00' N. lat., 124°34.92' W. long.;
- (20) 42°36.29' N. lat., 124°34.70' W. long.;
- (21) 42°28.36' N. lat., 124°37.90' W. long.;
- (22) 42°25.53' N. lat., 124°37.68' W. long.;
- (23) 42°18.64' N. lat., 124°29.47' W. long.;
- (24) 42°12.95' N. lat., 124°27.34' W. long.;
- (25) 42°03.04' N. lat., 124°25.81' W. long.; and
- (26) 42°00.00' N. lat., 124°26.21' W. long.

12. The **150 fm depth contour** between 46°16' N. lat. and 38° N. lat. which may be used for inseason management in 2003 is defined by straight lines connecting all of the following points in the order stated:

- (1) 46°16.00' N. lat., 124°26.15' W. long.;
- (2) 46°13.38' N. lat., 124°31.36' W. long.;
- (3) 46°12.09' N. lat., 124°38.39' W. long.;
- (4) 46°09.46' N. lat., 124°40.64' W. long.;
- (5) 46°07.30' N. lat., 124°40.68' W. long.;
- (6) 46°02.76' N. lat., 124°44.01' W. long.;
- (7) 46°02.64' N. lat., 124°47.96' W. long.;
- (8) 46°01.22' N. lat., 124°43.47' W. long.;
- (9) 45°51.81' N. lat., 124°42.89' W. long.;
- (10) 45°45.95' N. lat., 124°40.72' W. long.;
- (11) 45°44.11' N. lat., 124°43.09' W. long.;
- (12) 45°34.50' N. lat., 124°30.27' W. long.;
- (13) 45°21.10' N. lat., 124°23.11' W. long.;
- (14) 45°09.69' N. lat., 124°20.45' W. long.;
- (15) 44°56.25' N. lat., 124°27.03' W. long.;
- (16) 44°44.47' N. lat., 124°37.85' W. long.;
- (17) 44°31.81' N. lat., 124°39.60' W. long.;
- (18) 44°31.48' N. lat., 124°43.30' W. long.;
- (19) 44°19.70' N. lat., 124°50.88' W. long.;
- (20) 44°12.04' N. lat., 124°58.16' W. long.;
- (21) 44°07.38' N. lat., 124°57.87' W. long.;
- (22) 43°57.06' N. lat., 124°57.20' W. long.;
- (23) 43°52.52' N. lat., 124°49.00' W. long.;
- (24) 43°51.56' N. lat., 124°37.49' W. long.;
- (25) 43°47.83' N. lat., 124°36.43' W. long.;
- (26) 43°31.79' N. lat., 124°36.80' W. long.;
- (27) 43°30.78' N. lat., 124°38.19' W. long.;

- (28) 43°29.34' N. lat., 124°36.77' W. long.;
- (29) 43°26.46' N. lat., 124°40.02' W. long.;
- (30) 43°16.15' N. lat., 124°44.37' W. long.;
- (31) 43°09.33' N. lat., 124°45.35' W. long.;
- (32) 43°08.85' N. lat., 124°48.92' W. long.;
- (33) 43°03.23' N. lat., 124°52.41' W. long.;
- (34) 43°00.25' N. lat., 124°51.93' W. long.;
- (35) 42°56.62' N. lat., 124°53.93' W. long.;
- (36) 42°54.84' N. lat., 124°54.01' W. long.;
- (37) 42°52.31' N. lat., 124°50.76' W. long.;
- (38) 42°47.78' N. lat., 124°47.27' W. long.;
- (39) 42°46.32' N. lat., 124°43.59' W. long.;
- (40) 42°41.63' N. lat., 124°44.07' W. long.;
- (41) 42°38.83' N. lat., 124°42.77' W. long.;
- (42) 42°35.37' N. lat., 124°43.22' W. long.;
- (43) 42°32.78' N. lat., 124°44.68' W. long.;
- (44) 42°32.19' N. lat., 124°42.40' W. long.;
- (45) 42°30.28' N. lat., 124°44.30' W. long.;
- (46) 42°28.16' N. lat., 124°48.38' W. long.;
- (47) 42°18.34' N. lat., 124°38.77' W. long.;
- (48) 42°13.65' N. lat., 124°36.82' W. long.;
- (49) 42°00.15' N. lat., 124°35.81' W. long.;
- (50) 41°47.79' N. lat., 124°29.52' W. long.;
- (51) 41°21.00' N. lat., 124°29.00' W. long.;
- (52) 41°11.00' N. lat., 124°23.00' W. long.;
- (53) 41°05.00' N. lat., 124°23.00' W. long.;
- (54) 40°54.00' N. lat., 124°26.00' W. long.;

- (55) 40°50.00' N. lat., 124°26.00' W. long.;
(56) 40°44.51' N. lat., 124°30.83' W. long.;
(57) 40°40.61' N. lat., 124°32.06' W. long.;
(58) 40°37.36' N. lat., 124°29.41' W. long.;
(59) 40°35.64' N. lat., 124°30.47' W. long.;
(60) 40°37.43' N. lat., 124°37.10' W. long.;
(61) 40°36.00' N. lat., 124°40.00' W. long.;
(62) 40°31.59' N. lat., 124°40.72' W. long.;
(63) 40°24.64' N. lat., 124°35.62' W. long.;
(64) 40°23.00' N. lat., 124°32.00' W. long.;
(65) 40°23.39' N. lat., 124°28.70' W. long.;
(66) 40°22.28' N. lat., 124°25.25' W. long.;
(67) 40°21.90' N. lat., 124°25.17' W. long.;
(68) 40°22.00' N. lat., 124°28.00' W. long.;
(69) 40°21.35' N. lat., 124°29.53' W. long.;
(70) 40°19.75' N. lat., 124°28.98' W. long.;
(71) 40°18.15' N. lat., 124°27.01' W. long.;
(72) 40°17.45' N. lat., 124°25.49' W. long.;
(73) 40°18.00' N. lat., 124°24.00' W. long.;
(74) 40°16.00' N. lat., 124°26.00' W. long.;
(75) 40°17.00' N. lat., 124°35.00' W. long.;
(76) 40°16.00' N. lat., 124°36.00' W. long.;
(77) 40°10.07' N. lat., 124°22.90' W. long.;
(78) 40°07.00' N. lat., 124°19.00' W. long.;
(79) 40°08.10' N. lat., 124°16.70' W. long.;
(80) 40°05.90' N. lat., 124°17.77' W. long.;
(81) 40°01.46' N. lat., 124°12.85' W. long.;
(82) 40°04.32' N. lat., 124°10.33' W. long.;
(83) 40°03.21' N. lat., 124°08.83' W. long.;
(84) 40°01.33' N. lat., 124°08.70' W. long.;
(85) 39°58.51' N. lat., 124°12.44' W. long.;
(86) 39°55.73' N. lat., 124°07.49' W. long.;
(87) 39°34.75' N. lat., 123°58.50' W. long.;
(88) 39°03.07' N. lat., 123°57.81' W. long.;
(89) 38°52.25' N. lat., 123°56.25' W. long.;
(90) 38°41.42' N. lat., 123°46.75' W. long.;
(91) 38°39.47' N. lat., 123°46.59' W. long.;
(92) 38°35.25' N. lat., 123°42.00' W. long.;
(93) 38°19.97' N. lat., 123°32.95' W. long.;
(94) 38°14.43' N. lat., 123°25.56' W. long.;
(95) 38°09.41' N. lat., 123°24.43' W. long.;
(96) 38°10.10' N. lat., 123°27.20' W. long.;
(97) 38°03.82' N. lat., 123°31.91' W. long.;
(98) 38°00.91' N. lat., 123°30.32' W. long.; and
(99) 38°00.00' N. lat., 123°28.78' W. long.

For more information contact: NMFS Northwest Region at 206-526-6140 or visit our website at <http://www.nwr.noaa.gov>, click on “Pacific Coast Groundfish;” NMFS Southwest Region at 562-980-4000; Washington Department of Fish and Wildlife at 360-249-4628; Oregon Department of Fish and Wildlife at 541-867-4741; or the California Department of Fish and Game at 707-441-5797 (Eureka), 510-581-7358 (Belmont), 562-342-7184 (Los Alamitos), 858-546-7167 (La Jolla).

This Public Notice serves as a Small Entity Compliance Guide for the final rule implementing the 2003 Pacific Coast groundfish fishery specifications and management measures. Any discrepancies between this public notice and the *Federal Register* will be resolved in favor of the *Federal Register*.

**To receive Pacific Coast Groundfish public notices via e-mail, please e-mail your request to
westcoastgroundfish@noaa.gov**